

ROLLAMO



1951

University of Missouri-Rolla



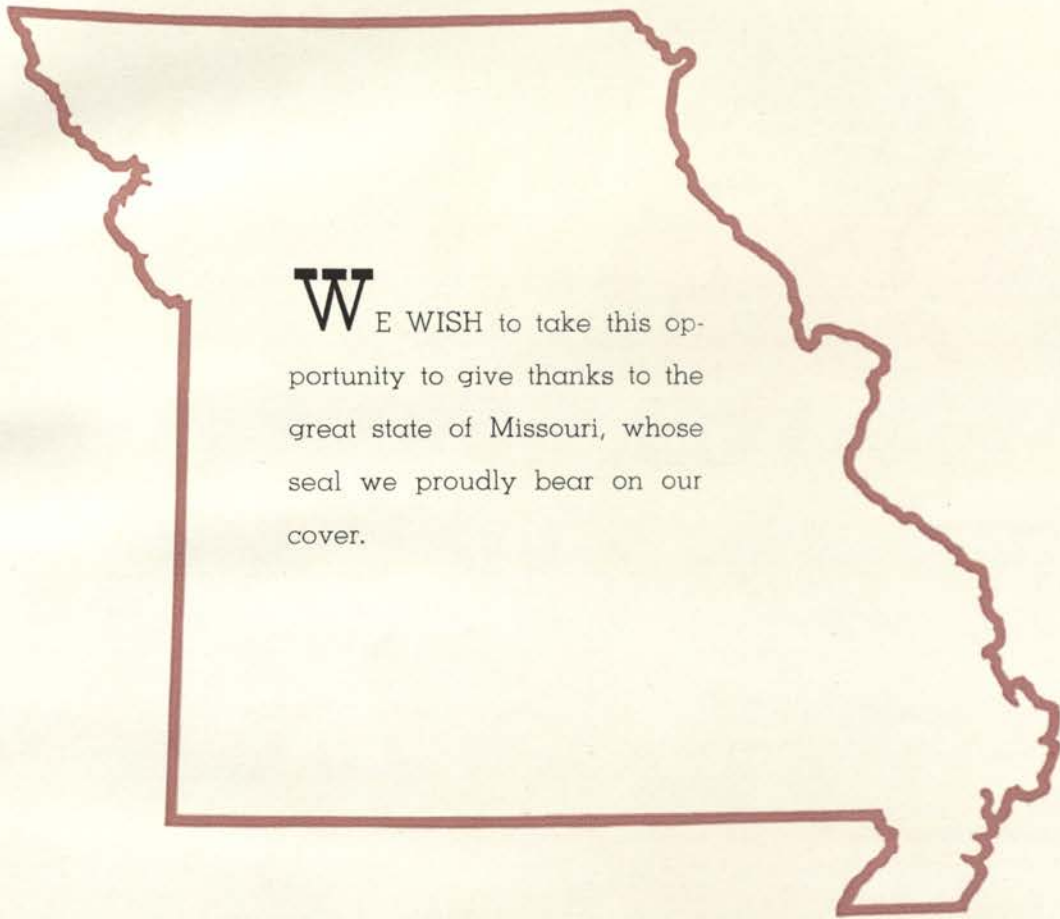
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W E WISH to take this opportunity to give thanks to the great state of Missouri, whose seal we proudly bear on our cover.

The Rollamo
Volume 45
1951



EDITOR-IN-CHIEF

Jack Maurer

BUSINESS MANAGER

Dick Bauer

The Modern Engineer

AT M.S.M., the Modern Engineer has the opportunity to further his education in many branches of engineering and science. Along with the fine academic training he receives, the Modern Engineer has the opportunity to participate in sports and social activities, thus molding him to take his place in society.



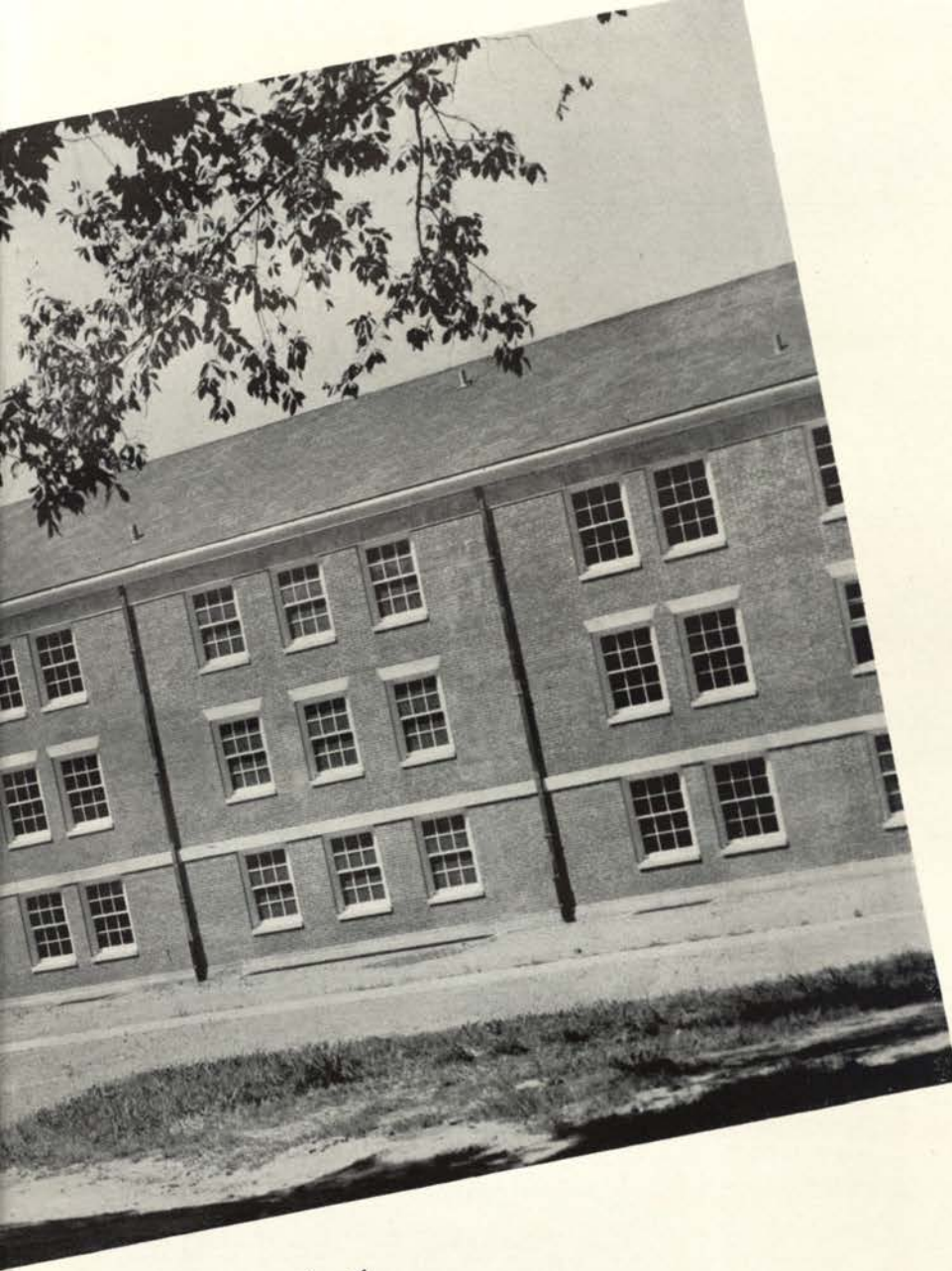
Buildings



Facilities



The Mi
The



THE prospective engineer at M.S.M. is provided with one of the best technical libraries in the world, modern buildings and equipment, and an excellent administration.

Truly—The Miner Has the Best.

*ner Has
Best*

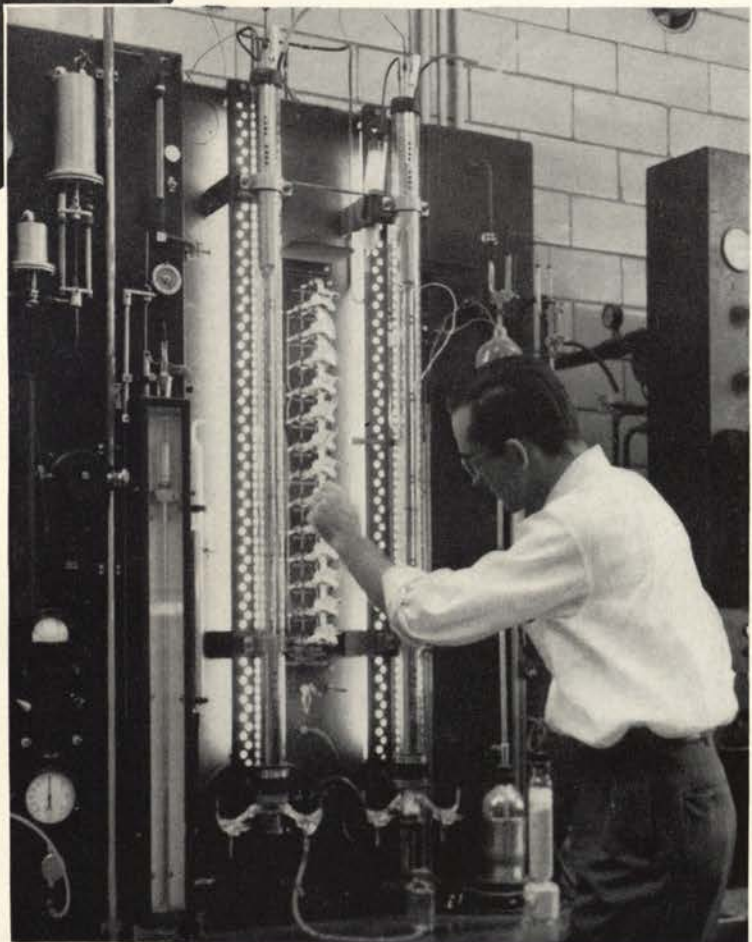
Administration





Photos Courtesy
Monsanto Chemical Company.

ENGINEERS, educated at M.S.M., are taking their places in the technical world, carrying with them the knowledge that they have received the best.



*In the Technical
World*

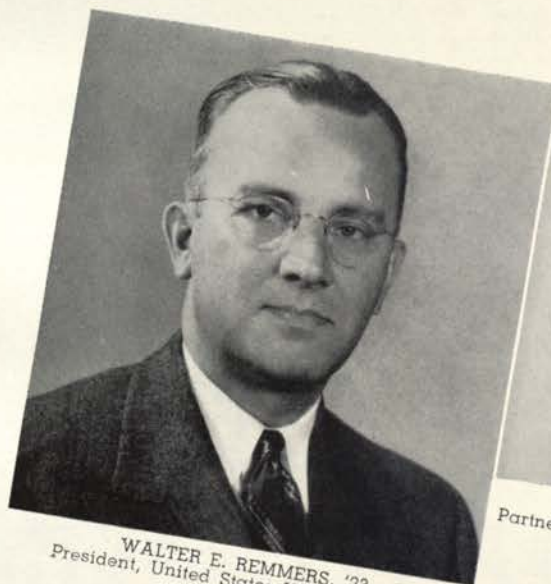
Great Men

WE PRESENT here just three of the many Great Men who have graduated from M.S.M.

At M.S.M., new engineers are constantly being trained to take the place that will be vacated by these men. Thus the old will be replaced by the new—The Modern Engineer.



H. E. ZOLLER, '23
President, Derby Oil Co.



WALTER E. REMMERS, '23
President, United States Vanadium Corp.



ENOCH R. NEEDLES, '14
Partner, Howard, Needles, Tammen & Bergendoff



Contents

ADMINISTRATION

CLASSES

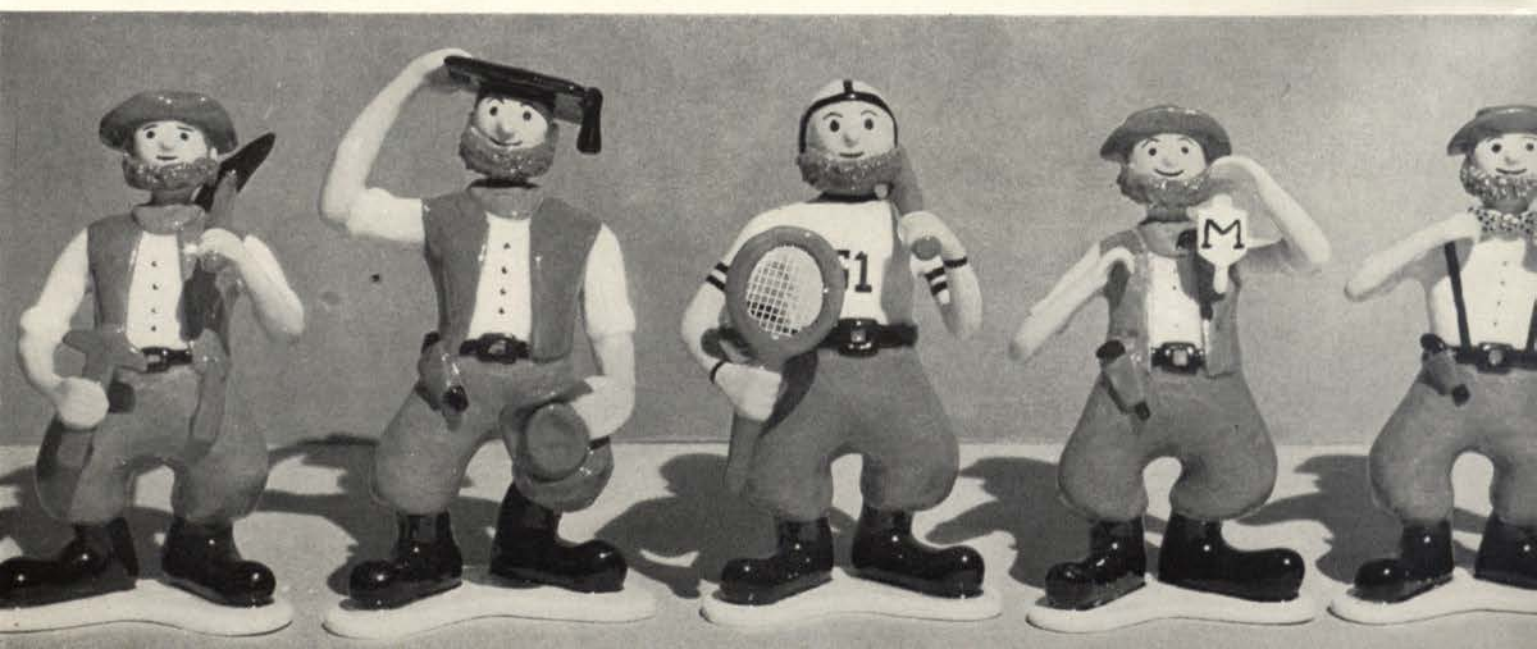
SPORTS

ACTIVITIES

SOCIAL

NOW we begin the story of Joe the Miner. Here we find Joe beginning another semester at M.S.M., prepared to meet any problem which may confront him. He bears with him some of the tools of his profession which his professors are prepared to teach him to use. These tools, coupled with the knowledge of the professors, will prepare Joe so that on the day of his commencement he will be able to step out into the world and add to the heritage of those engineers who have preceded him.

Administration







Dr. Frederick A. Middlebush

**President School of Mines
and Metallurgy
University of Missouri**

MESSAGE FROM PRESIDENT MIDDLEBUSH

At the end of the 1950-'51 academic year, the School of Mines and Metallurgy will have completed 80 years of service in the field of higher education. In that time over 6000 diplomas will have been issued of which over 5400 were Bachelor degrees. The records of the graduates of the School of Mines and Metallurgy have reflected great credit upon the School and include achievements which we all may well endeavor to emulate.

Throughout these years the faculty roster of the School has contained the names of men who were leaders in their particular fields. They were good teachers and productive scholars. The success of the graduates themselves is in no small part due to the effective teaching of the men who have served the School of Mines as members of the faculty.

As President of the University of Missouri, of which the School of Mines and Metallurgy is an important division, I can speak for the Board of Curators and the entire University administration in saying that we are determined to uphold the high standards of academic training maintained during the past 80 years. We

want to continue to encourage the faculty to do effective work. We want to provide the faculty with the best possible means of teaching and an opportunity for research as time and facilities permit. We want to provide environment conducive to study and learning. Such environment would include buildings, laboratories and equipment, library, and classrooms. We should also have ample provision for necessary extracurricular activities.

With reasonable provision of good teachers and academic facilities, the dedication by the students of their best efforts is a necessary component of success. Based upon the records of the graduates over 80 years, I am confident that these best efforts will be forthcoming and that the graduates of the School of Mines and Metallurgy will continue to merit and to enjoy the acclaim of their fellow citizens. I extend to the graduating class of 1951, to whom this edition of the Rollamo will have an especial sentimental value, my very best wishes for their success and happiness.

FREDERICK A. MIDDLEBUSH,
President.

Board of Curators

The Missouri School of Mines and Metallurgy is a division of the University of Missouri and is governed, therefore, by the same Board of Curators. This Board is composed of nine residents of the state of Missouri appointed by the Governor and confirmed by the State Senate. Appointments are for a six-year term, with the Curators eligible for reappointment.

Three members of the Board of Curators are

appointed to serve as the Executive Committee for the School of Mines and Metallurgy. This Committee meets monthly for the purpose of auditing claims and attending to such other business as is given to them by the Board of Curators. Frank C. Mann is Chairman of the present Executive Committee. The other two members are Stratton Shartel and Frank Stonner.

MEMBERS OF BOARD OF CURATORS

Frederick A. Middlebush.....	Columbia, Mo.
Frank C. Mann.....	Springfield, Mo.
Allen McReynolds.....	Carthage, Mo.
Guy A. Thompson.....	St. Louis, Mo.
Stratton Shartel.....	Kansas City, Mo.
Frank Stonner.....	Chamoin, Mo.
John H. Wolpers.....	Poplar Bluff, Mo.
Roscoe Anderson.....	Webster Groves, Mo.
William P. Elmer.....	Salem, Mo.
Glenn W. Hendren.....	Liberty, Mo.
Leslie Cowan (Secretary of the Board).....	Columbia, Mo.



FIRST ROW: John P. Wolpers, Frank C. Mann, Curtis L. Wilson, William P. Elmer, Roscoe Anderson, Allen McReynolds, Frederick A. Middlebush. SECOND ROW: Leslie Cowan, Guy Thompson, Frank Stonner, Stratton Shartel, Glenn W. Hendren.



Curtis L. Wilson
Dean
Missouri School of Mines
and Metallurgy

Dean Curtis L. Wilson has for the past ten years been doing an admirable job in directing the wartime and post-war progress of Missouri School of Mines. Since he assumed his present post in 1941, the history of the School of Mines has been one of continued and ever-increasing growth and expansion. A large part of this success can be directly attributed to the untiring efforts of Dean Wilson. Although the expansion of facilities was impossible during the war years, since that time the Dean has been directing extensive plans for remodeling and extending the school's facilities. The majority of these plans have been carried out or are now nearing completion.

Dean Wilson is a native of Baltimore, Maryland. He graduated from Baltimore City College in 1916 and from Montana School of Mines in 1920. After working for a year, he joined the faculty of Montana School of Mines,





Dean's Residence

teaching metallurgy and doing graduate work until 1926, when he went to Europe. In 1928 he received his Ph.D. from the University of Goettingen. He returned to Montana School of Mines as Professor of Metallurgical Engineering. In 1941 he accepted his present position at M.S.M.

Dean Wilson is a member of twelve professional engineering organizations, having served on committees of several as chairman. At present he is chairman of the National Society of Professional Engineers Committee on Education, representative on the AIME Engineers Council for Professional Development, member of the ECPD Committee on Engineering Schools, and chairman of Region VI of that committee.

He is the author of a number of technical articles on research metallurgy and co-author of the book, "The Metallurgy of Copper," published in 1942.

He is also a member of Tau Beta Pi, Phi Kappa Phi, Sigma Xi, and Tau Kappa Epsilon.



The day begins.



Rex Z. Williams
Assistant Dean

Dean Williams was first associated with the M.S.M. faculty in 1931 as an instructor of mechanics. He became a full professor in 1946, the same year he was appointed to the office of Assistant Dean.

The Dean's many tasks range all the way from student counseling to an excellent job placement program for the graduating seniors. He has been performing an extra service for the students here of late. This new service is in the form of helpful guidance in matters pertaining to the selective service and organized reserve draft status. The Dean is certainly a friend in need and a friend indeed.



Noel Hubbard
Registrar

When a new student enters our school, his record, from the date of his birth, is compiled in the office of the Registrar. After that student has graduated from this school, his record continues. The man behind this complex file system is Noel Hubbard.

Mr. Hubbard has been with M.S.M. since 1923. Aside from his normal capacities as Registrar, he finds time to take personal interest in the problems of the various students. It is through his fatherly advice and pleasing personality that students have named him "Mother" Hubbard. M.S.M. is indeed fortunate in having such a commendable man on its staff.



Ernest P. Hendrix

Superintendent of Buildings and Grounds

Eight years ago the School of Mines employed Mr. Ernest P. Hendrix as an electrician. His knowledge in this field earned him the title of "Superintendent of Buildings and Grounds". Mr. Hendrix has the essential job of acting as coordinator between the school and the contractor. The new buildings on our campus have kept this office intensely busy. Mr. Hendrix is often called upon to straighten out and give professional guidance to building and grounds jobs which confront his maintenance crew. This past year, for example, Mr. Hendrix came up with a plan of coordinating the Powerhouse with his own office, resulting in a more efficient and economical Powerhouse.



Harry J. Fields

Business Manager

Mr. Fields graduated from the University of Missouri with a B.S. in Business Administration. In 1946 he came to M.S.M., first as auditor and then as business manager.

It is the responsibility of the Business Office to see that all funds are expended in accordance with the orders of the Board of Curators and with the approved budget of the school, and to see that all state funds are used in accordance with State Law.

Purchasing everything from soup to nuts and maintaining control over contracts, deeds, and insurance are his everyday business, and he does a creditable job.



Mining Building



J. DONALD FORRESTER
Department Chairman
Professor of Mining Engineering, 1944.
B.S. 1928, Utah; M.S. 1929, Ph.D. 1935, Cornell.

DAVIS, CHARLES MALCOM, Assistant Professor of Petroleum Engineering, 1948. B.S. 1932, M.I.T.; M.Ed. 1947, Boston University.

LATVALA, WOODROW JOHN, Instructor in Mining Engineering, 1948. B.S. in Min.E. 1948, New Mexico School of Mines.

MARTIN, R. I., Assistant Professor of Petroleum Engineering, 1950. B.S. in Petroleum Technology, 1936, University of London.

MATTHAEI, RICHARD, Instructor in Mining Engineering, 1948, 1950. B.S. in Metallurgical Engineering, 1941, New Mexico School of Mines.

MILLER, R. J., Instructor in Mining Engineering, 1950. B.S. in Mining Engineering, 1950, Missouri School of Mines.

PONDER, R. M., Instructor in Mining Engineering, 1950. B.S. in Mining Engineering, 1950, Missouri School of Mines.

SCHOOLER, DURWARD RICE, Associate Professor of Mining Engineering, 1942, 1948. B.S. in Min.E. 1926, E.M. 1944, Missouri School of Mines.

TAYLOR, L. B., Instructor in Mining Engineering, 1950. B.S. in Mechanical Engineering, 1935, Georgia Institute of Technology.

VINE, WILLIAM ARTHUR, Assistant Professor of Mining Engineering, 1947, 1948. B.S. in Min.E. 1942, E.M. 1947, Columbia University.



Latvalla
Bruzewski

Davis
Schooler

Martin

Matthaei

Taylor

Mining Engineering Department

What's the viscosity?

How many MMCF?

End of tramming.

Catskinning Woody.

Check that angle.

The big decision.

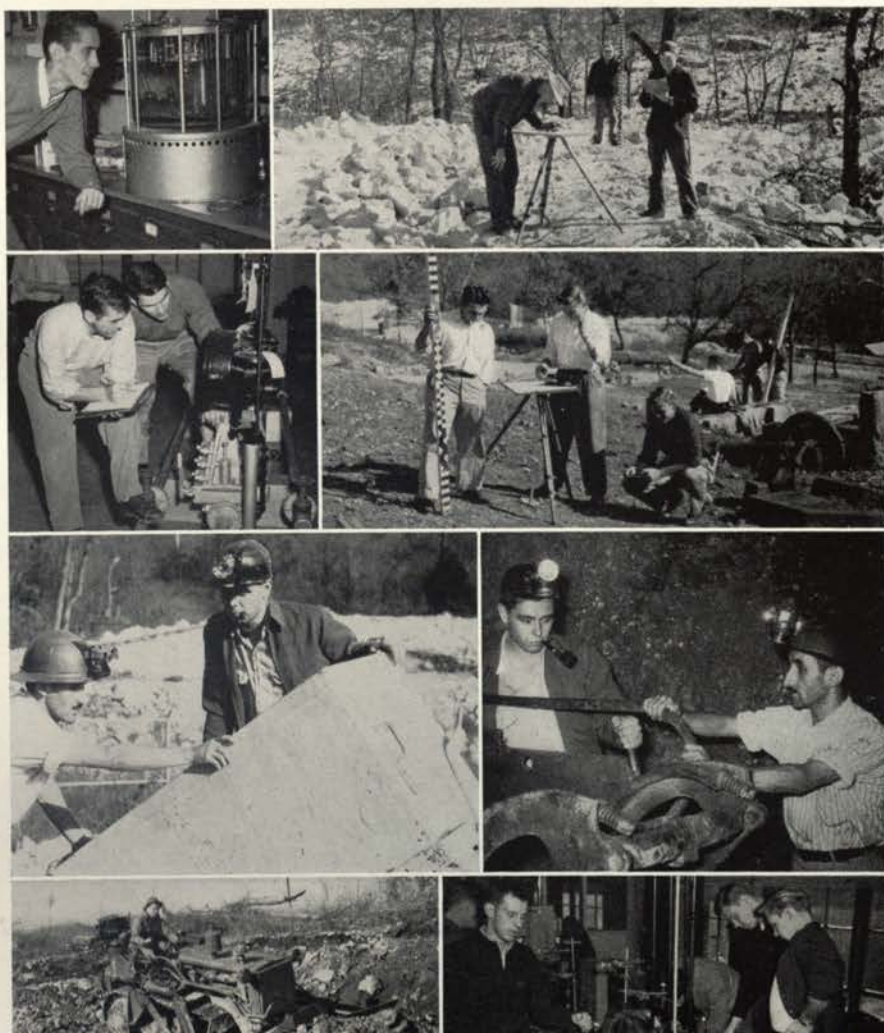
Loading up.

Petroleum Lab. Checking the results.

The Department of Mining Engineering has seen fit to present the undergraduate student with an opportunity to specialize in any one of three main courses of study, namely: Mining (production and exploitation), Mining Geology (exploration and development of new mineral deposits and mineral evaluation), and Petroleum Engineering (discovery, development and refining of petroleum and natural gases).

The various courses offered under the aforementioned divisions exhibit careful planning by an unassuming faculty possessing extensive experience in industry.

Laboratory facilities have been expressly designed for the study of problems which simulate those often confronted in modern industry. These include a full scale Experimental mine and Quarry Plant, located 1½ miles from the campus.

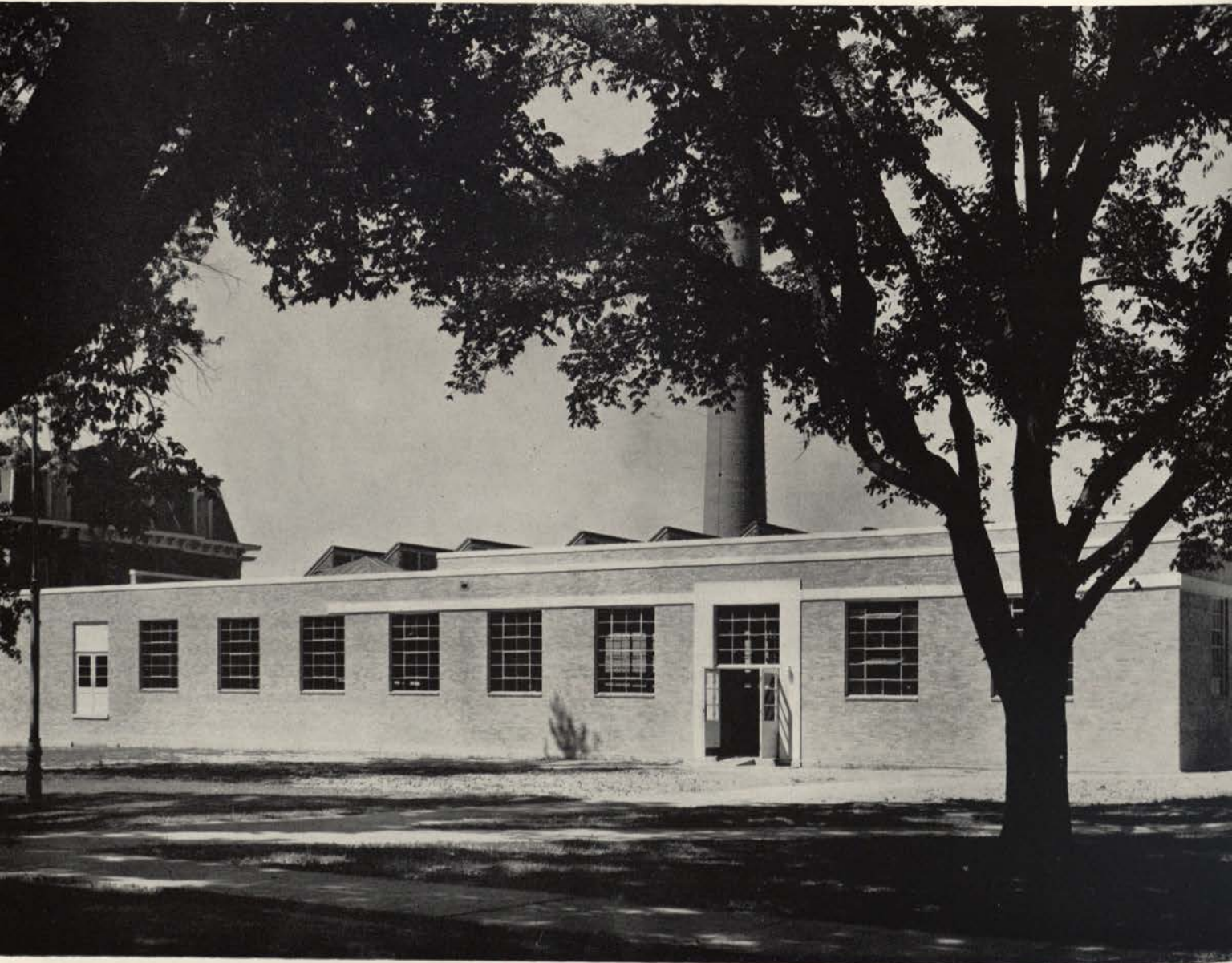




AARON JEFFERSON MILES
Department Chairman
Professor of Mechanical Engineering, 1930, 1943.
B.S. 1930, M.S. 1931, Missouri School of Mines;
Sc.D. 1935, Michigan.

Mechanical

Mechanical engineering is a large field and quite extensive in scope. There are numerous professional divisions such as power plant design, machine design, shop practice, applied mechanics, refrigeration, air conditioning, etc. The mechanical engineering field is obviously too extensive to cover thoroughly in all its divisions in four years. The university curriculum for mechanical engineering students is therefore perhaps more fundamental and less specialized than other engineering curricula. This is, in many respects, greatly to the student's advantage, as it enables him to choose his option later in his college course or to change divisions of his profession later in life to suit his fancy or the trend of industrial progress.



New Mechanical Laboratory

Engineering Department

FACULTY

- BARTON, JOHN R., Instructor in Mechanical Engineering, 1949. B.S. in M.E. 1948, Missouri School of Mines; M.S. in M.E. 1950.
- CHASE, EUGENE CASPER, Instructor in Mechanical Engineering, 1947. B.S. in M.E. 1947, Wyoming; M.S. in M.E. 1950, Missouri School of Mines.
- GUINNUP, GORDON R., Assistant Professor of Mechanical Engineering, 1939, 1946. B.S. in M.E. 1932, M.S. in M.E. 1933, Purdue.
- HARRIS, WILLIAM H., Instructor in Mechanical Engineering. B.S. in Met. 1950, Missouri School of Mines.
- KILPATRICK, VERN A., Associate Professor of Mechanical Engineering, 1926, 1941. B.S. in M.E. 1925, M.S. in 1931, South Dakota State College.
- NELSON, LEONARD C., Assistant Professor of Mechanical Engineering, 1947. B.S. 1943, Iowa State; M.S. in M.E. 1949, Missouri School of Mines.
- REMINGTON, CHARLES R., JR., Instructor in Mechanical Engineering. B.S. in M.E. 1949, M.S. in M.E. 1950, Missouri School of Mines.
- SCHOWALTER, RALPH EMERSON, Instructor in Mechanical Engineering, 1949. B.S. in M.E. 1948, Missouri School of Mines.
- SCOFIELD, GORDON LLOYD, Assistant Professor of Mechanical Engineering, 1948, 1949. B.S. in M.E. 1946, Purdue; M.S. in M.E. 1949, Missouri School of Mines.
- SIMPkin, WILLIAM EDWARD, Instructor in Mechanical Engineering, 1948. B.S. in M.E. 1948, M.S. in M.E. 1950, Missouri School of Mines.
- THORPE, CLARE JACKSON, Assistant Professor of Mechanical Engineering, 1942, 1948. B.S. in M.E. 1935, M. S. in M.E. 1948, Missouri School of Mines.
- WOLK, NORMAN B., Instructor in Mechanical Engineering, 1949. B.S. 1949, Missouri School of Mines.
- YOUNG, CHARLES, JR., Instructor in Mechanical Engineering, 1947. B.S. in M.E. 1945, Illinois Institute of Technology.
- YOUNG, REAGAN HARRIS, Associate Professor of Mechanical Engineering, 1925, 1942. B.S. in M.E. 1921, Georgia Institute of Technology.



Thorpe



Wolk



Barton



Scofield
Guinnup



Simpkin
Kilpatrick



Young, R.
Young, C.



Schowalter



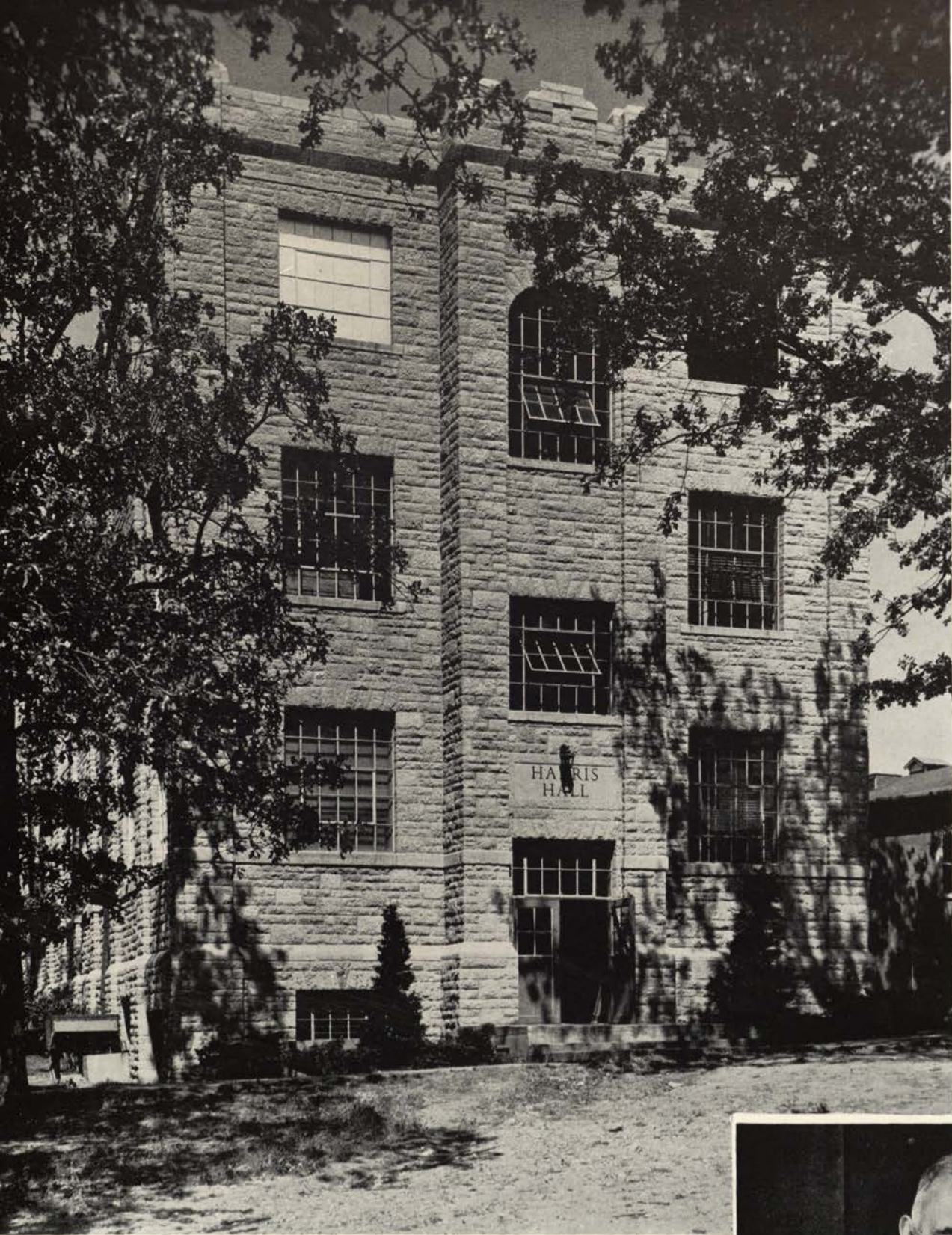
Nelson



Chase

When a student reaches the later part of his college career at the Missouri School of Mines, he may specialize in power plant design or machine design. The student may also take electives in the other divisions of mechanical engineering. The main option stressed by the department is power plant design for it ties up all of the basic courses in the heat and power fields. With these mechanical engineering principles and knowledge of such factors as economical and world conditions, motion economy, production control, labor relations, etc., a mechanical engineer may make estimates and from this make recommendations as to mechanical equipment (steam or diesel) to be used in an industrial power plant.

It is the prime objective in this department to give the student a comprehensive training in the fundamentals of mechanical engineering which will be of practical use to him in almost any industry of his choosing.



Harris Hall

JOE B. BUTLER
 Department Chairman
 Professor of Civil Engineering, 1920, 1931.
 B.S. in C.E. 1915; B.S. in Ed. 1924, Oklahoma A. & M.;
 M.S. in C.E. 1924, Missouri School of Mines.



Civil Engineering Department

Civil Engineering is the oldest of the engineering professions. Civil Engineering at the Missouri School of Mines is divided into six main branches. These are Surveying and Geodesy, Transportation Engineering, Structural Engineering, Hydraulic Engineering, Sanitary Engineering, and Municipal Engineering.

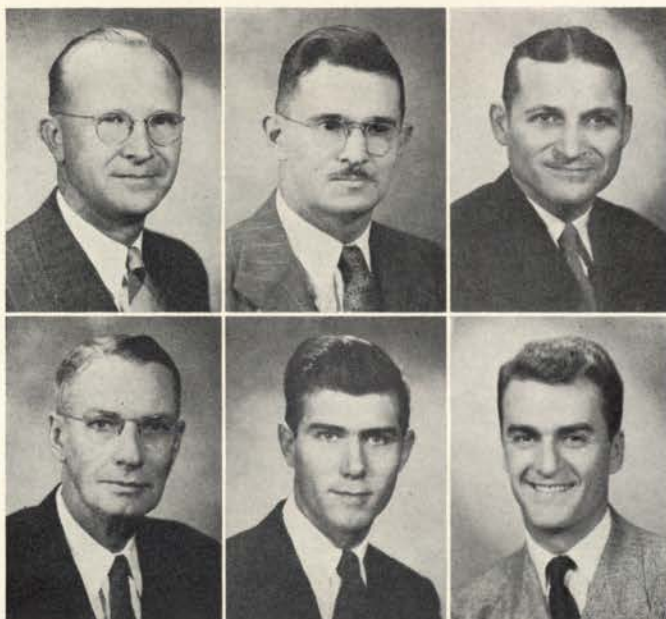
The classroom lectures give the background knowledge, with the laboratory and field work giving actual experience in the jobs to be done after leaving school. For example: in the courses in surveying, curves for highways are laid out, topographic maps are plotted, and elevations are determined in the same way as done in the field. The courses in hydraulics, structural and bridge designing give practice in designing structures and bridges for load stresses and work in determining power flow of liquids for work in particular jobs. The sanitary courses give practice in running cultures to check for harmful bacteria, practice and theory in disposal of waste much the same as a sanitary engineer in a city might have.

These are a few examples of the correlation between the work done in the classroom and laboratories and the work done after leaving school. The Civil Engineer may point with pride to the many fine examples of his work in the world of today.



Nunez

Dean



Gevecker
Carlton

Eshbough
Roberts

Herschkowitz
McCarthy



Senne

Muir

Trace

FACULTY

CARLTON, ERNEST WILLIAM, Professor of Structural Engineering, 1923, 1936. B.S. in M.E. 1920, M.S. in Ed. 1926, Colorado Agricultural College; B.S. in C.E. 1926, M.E. 1935, Missouri School of Mines.

GEVECKER, VERNON A. C., Associate Professor of Civil Engineering, 1938, 1947. B.S. in C.E. 1931, Missouri School of Mines; M.S. in C.E. 1937, California Institute of Technology.

ESHBAUGH, CLIFFORD WAYNE, Assistant Professor of Civil Engineering 1943, 1945. B.S. 1925, Kansas State.

HERSHKOWITZ, LEON, Assistant Professor of Civil Engineering, 1946, 1949. B.S. in C.E. 1941, M.S. in C.E. 1948, Missouri School of Mines.

ROBERTS, JASPER KENT, Assistant Professor in Civil Engineering, 1947. B.S. in C.E. 1947, Oklahoma; M.S. in C.E. 1950, Missouri School of Mines.

DEAN, DONALD LEE, Instructor in Civil Engineering, 1949. B.S. in C.E. 1949, Missouri School of Mines.

MCCARTHY, JOHN FRANCIS, Instructor in Civil Engineering, 1948. B.S. in C.E. 1948, M.S. in C.E. 1950, Missouri School of Mines.

MUIR, CLIFFORD DONALD, Instructor in Civil Engineering, 1948. B.S. in C.E. 1947, Texas A. & M.; M.S. in C.E. 1950, Missouri School of Mines.

NUNEZ, HOWARD W., JR., Instructor in Civil Engineering, 1949. B.S. 1949, Alabama Polytechnic Institute.

TRACE, JAMES J., Instructor in Civil Engineering, 1948. B.S. in M.E. 1948, Missouri School of Mines.

SENNE, JOSEPH HAROLD, JR., Instructor in Civil Engineering, 1948. B.S. in C.E. 1948, Washington University.

Electrical Engineering Department

Since its origin as part of the Physics Department, Electrical Engineering has become an increasingly important part of the School of Mines curriculum. The first degree in Electrical Engineering was granted in 1917, when it was still a part of the Physics Department. In 1924, a separate department of Electrical Engineering was established.

Along with the ever-broadening use of electricity and its increasing importance to industry, the Electrical Engineering Department has added courses and revised its policies. At the

time that the E. E. Department was separated from the Physics Department, all courses were prescribed by the department and no electives were offered. In those days Electrical Engineering was a much narrower field than it is at the present time. Today an E. E. may specialize in one of three fields: power (power plants and electrical machinery), electronics, or communications.

Recently the department has added courses in television and servo-mechanisms. Servo-mechanisms are a class of regulators which



*Get that reading!
Remember, it's a vector summation.
Put in more resistance.*

*Give it more X-gain.
Right size meter?
Check that circuit.*

*Don't let it run away.
Close the switch.
Increase the load.*



ISRAEL HERRICK LOVETT
 Department Chairman
 Professor of Electrical Engineering, 1921, 1931.
 S.B. 1914, M.I.T.; E.E. 1924, Missouri School of Mines;
 M.S.E. 1928, Michigan.

FACULTY

- ANTHONY, PALMER LEE, JR., Instructor in Electrical Engineering, 1948. B.S. in E.E. 1948, John Brown University.
- BARCROFT, JOHN RAYMOND, Instructor in Electrical Engineering, 1948. A.B. 1944, Albion College.
- ERDELY, EDWARD, Assistant Professor in Electrical Engineering, 1949. M.S. in Engr. 1929, German Technical University.
- GRAHAM, WALTER, Instructor in Electrical Engineering, 1949. B.S. in E.E. 1949, Illinois Institute of Technology.
- GRAY, PAUL MILTON, Assistant Professor in Electrical Engineering, 1947. B.S. in E.E. 1922, North Carolina.
- GRIMM, CLAUDE JAMES, Instructor in Electrical Engineering, 1948. B.S. in E.E. 1930, Missouri School of Mines.
- GROVE, ARTHUR W., Assistant Professor in Electrical Engineering, 1948. B.S. in E.E. 1925, Pennsylvania State; M.S. in E.E. 1930, Iowa State; M.A. 1934, New York University.
- HORTON, HORACE W., Assistant Professor in Electrical Engineering, 1948. B.E.E. 1916, Arkansas.
- NOLTE, ROGER E., Assistant Professor in Electrical Engineering, 1949. B.S. 1943, Iowa State; M.S. 1948, Iowa State.
- RITTENHOUSE, JOSEPH W., Assistant Professor in Electrical Engineering, 1947. B.S. in E.E. 1939, Purdue.
- SINNAMON, GERALD F., Instructor in Electrical Engineering, 1949. B.S. in E.E. 1949, University of Wisconsin.
- SKILES, JAMES J., Instructor in Electrical Engineering, 1949. B.S. 1948, Washington University.
- SKITEX, GABRIEL G., Assistant Professor in Electrical Engineering, 1943, 1949. B.S. 1943, Missouri School of Mines.
- WORLEY, JOSEPH, Assistant Professor of Electrical Engineering, 1948. B.S. in E.E. 1923, E.E. 1931, Missouri School of Mines.
- ZABORSKY, JOHN, Associate Professor of Electrical Engineering, 1948, 1949. Dipl. Eng. 1937, D.Sc. 1942, Hungarian Technical University, Budapest.

provide high accuracy control from remote distances. These mechanisms have almost unlimited potentialities for industrial use and future development. Little need be said for television.

Those who are considering E. E. as a future may rest assured that this department, which is one of the best equipped in the country, will keep pace with all future developments in the field of electrical engineering.



Skiles
 Barcroft
 Grimm

Anthony

Sinnamon
 Grove
 Zaborsky

Graham

Skitek
 Horton
 Nolte

Chemical Engineering

FACULTY

- BENEDICT, G. E., Instructor in Chemical Engineering. B.S. 1949, College of Idaho.
- CLARK, ERNEST C., Assistant Professor of Chemical Engineering, 1949. B.S. 1937, Virginia Military Institute; M.A. 1939, George Washington University; Ph.D. 1949, Wisconsin.
- CONRAD, FRANK H., Professor of Chemical Engineering, 1936, 1947. B.S. in Ch.E. 1923, Ph.D. 1934, University of Washington.
- COOLEY, ROBERT A., Associate Professor of Chemical Engineering, 1948. B.S. 1938, California; Ph.D. 1942, California Institute of Technology.
- CORNWALL, R. R., Instructor in Chemical Engineering, 1946. B.S. 1945, M.S. 1946, Washington University.
- FISHER, EMORY D., Professor of Chemical Engineering, 1946, 1950. B.S. 1931, Dakota Wesleyan; Ph.D. 1935, Wisconsin.
- FRANK, K. H., Instructor in Chemical Engineering. B.S. 1949, Missouri School of Mines.
- REED, C. O., Instructor in Chemical Engineering. B.S. 1948, Washington University.
- RUSSELL, ROBERT R., Assistant Professor of Chemical Engineering, 1948. A.A. 1941, Graceland College; A.B. 1943, M.A. 1946, Ph.D. 1949, Kansas.
- SMITH, N. L., Assistant Professor of Chemical Engineering. B.S. 1943, M.S. 1943, University of Arkansas; Ph.D. 1950, University of Minnesota.
- SNELL, R. L., Instructor in Chemical Engineering. B.S. 1948, Drury College.
- WEBB, WILLIAM H., Associate Professor of Chemical Engineering, 1938. B.S. 1935, Mississippi State; M.S. 1939, Missouri School of Mines; Ph.D. 1949, Wisconsin.



Collier
Frank
Snell

Fisher
Clark
Reed



Cooley
Russell
Conrad

Benedict
Cornwall
Smith



Qual lab. A.I.Ch.E. party. First prize.
Stir well. Test run. Cooley in action. What's the color?
What's the background? More titration. Quant lab.

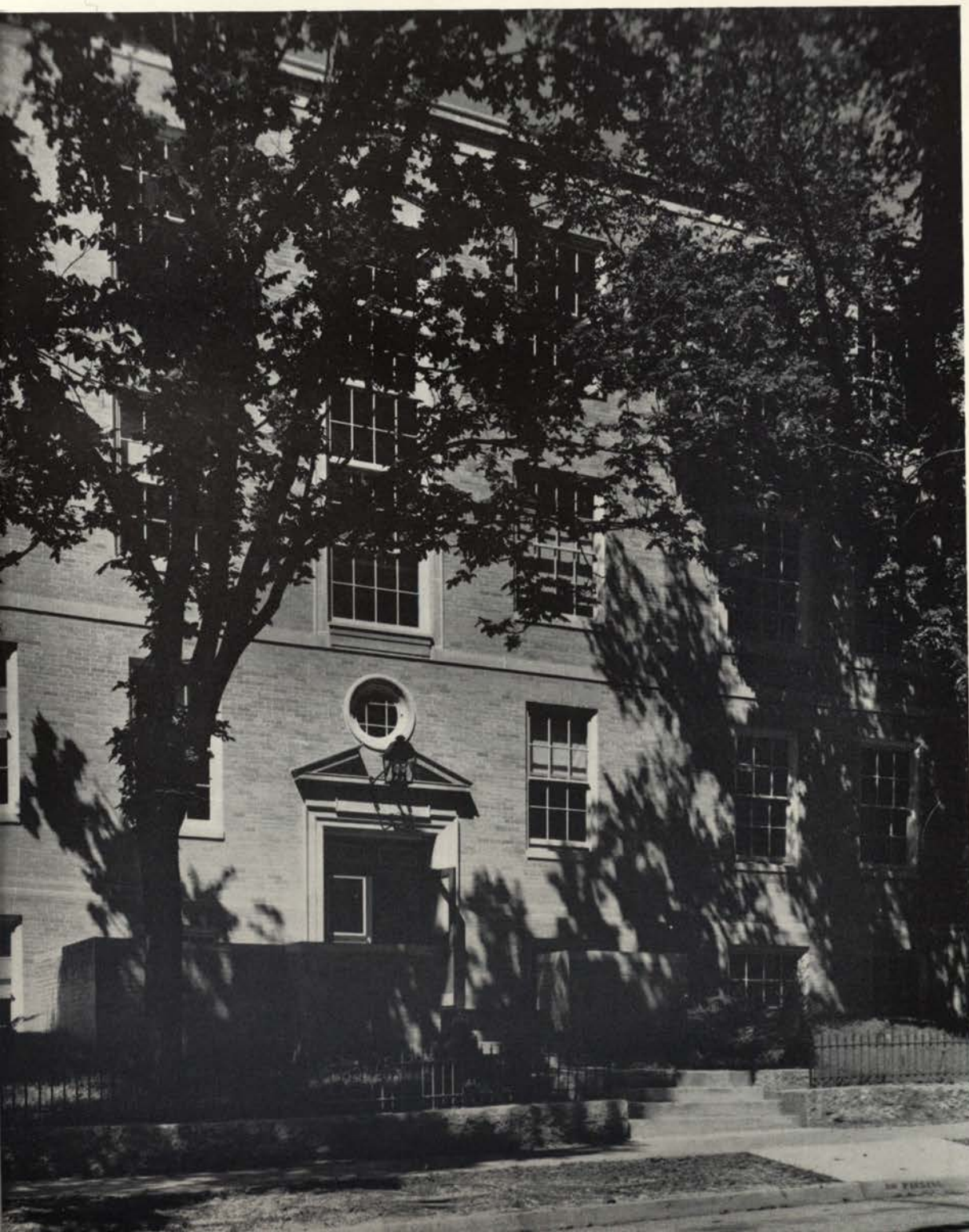
Department

What place will Chemical Engineering graduates of today hold in the world of tomorrow? Through the courses offered at the Missouri School of Mines, the students are being kept up to date on all the advances made in their particular field in which they become affiliated. In the laboratory work of their first two years the students learn general methods and techniques which are being used in the chemical industry at the present time. Upon entering the last two years of college, they learn the principles underlying the Chemical Engineering field. Finally, before each student is graduated he must obtain work in practice, thus adapting himself for the world of tomorrow.

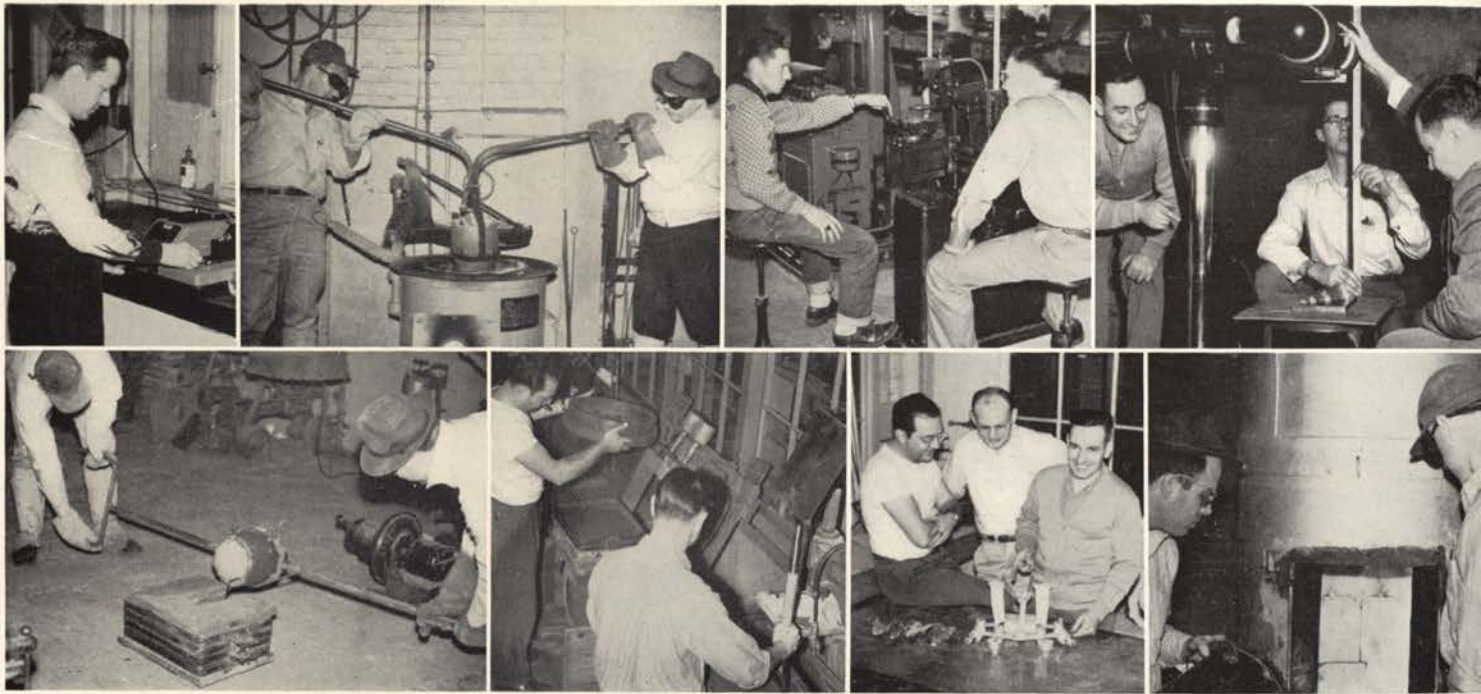


WALTER THEODORE
SCHRENK

Department Chairman
Professor of Chemical
Engineering, 1923, 1929.
B.S. 1915, Monmouth;
M.S. 1919, Ph.D. 1922,
Wisconsin.



*Chemical
Engineering
Building*



*Colorimeter test.
Pour it fast.*

*Don't drop that pot.
Two ace moulders.*

*Stray mets.
That's a riser.*

*Big wheels?
Cupola charging.*



Straumanis

Legsdin

Eppelsheimer

In retrospect, a graduate of the Metallurgy Department of the Missouri School of Mines finds his training has been thorough in the phases of engineering. A graduating metallurgist, as a neophyte, may recall the day when he desired to be just a metallurgist. Now he finds his interest centering about one of metallurgy's broad divisions such as process metallurgy, physical metallurgy, or foundry metallurgy and mineral dressing.

The metallurgist who is interested in mineral dressing finds that he is the first to receive the ore. It is his job to concentrate the desirable ore, applying the principles of operation which he has learned in his laboratory experiments.

The concentrated ore is far from being the finished product, and now the process metallurgist is needed. It is his problem to extract the desirable metal from the concentrated ore.

Now that the metal is free from impurities, is the metallurgist finished? No, for here lies the field of the physical metallurgist. It is his job to supply industry with its demand for metals of better and different chemical and physical properties. His training at M.S.M. in such things as the use of microscopes and X-ray equipment and the heat treating of furnaces should prepare him well.

The Missouri School of Mines is one of the few colleges in the country offering theory and practice in foundry metallurgy. The man who centers his interest about this division is trained to deal with the melting and casting properties of metals.

Metallurgical Engineering Department

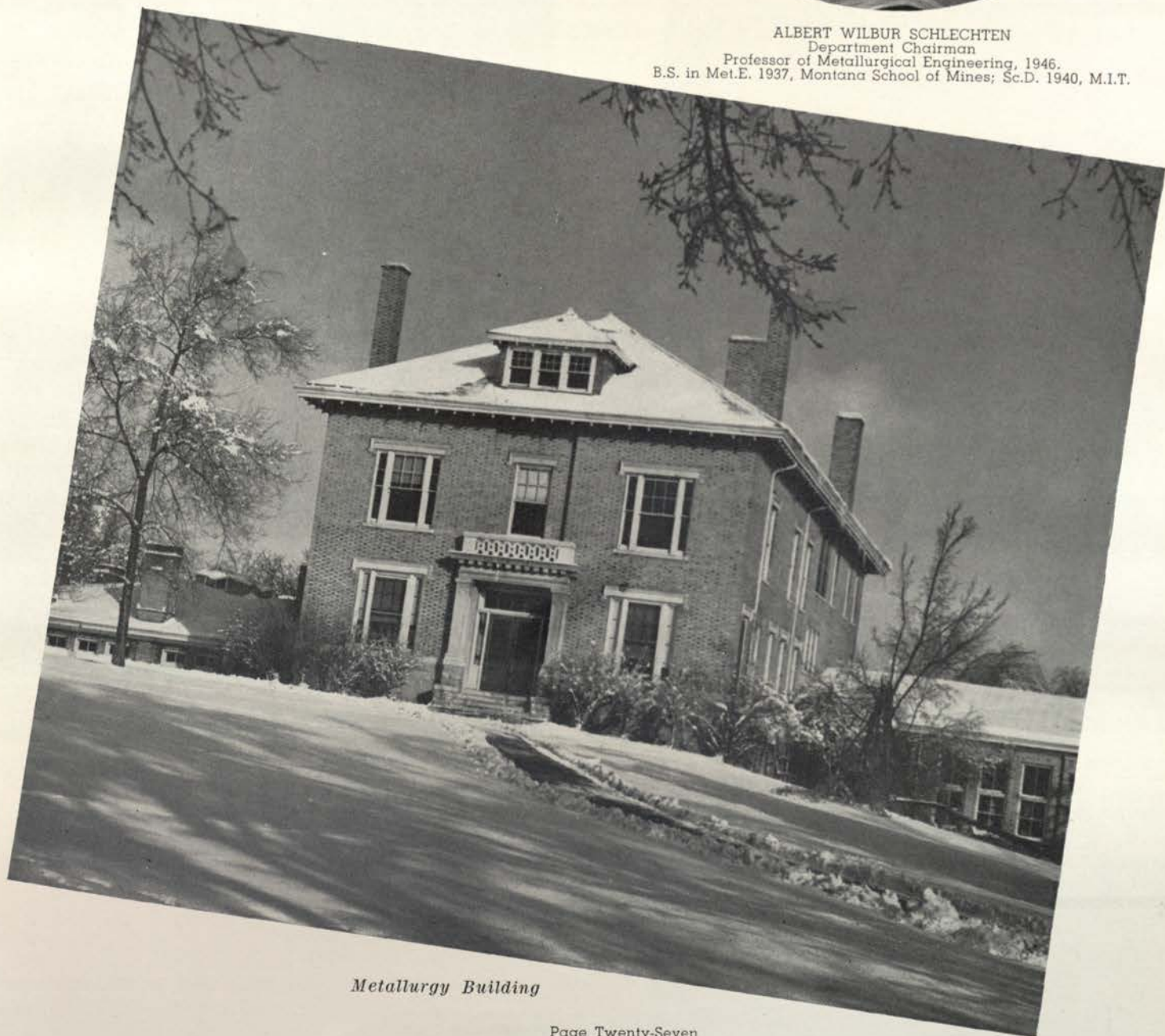
FACULTY

EPPELSHEIMER, DANIEL SNELL, Professor of Metallurgical Engineering, 1947, 1948. B.S. 1932, D.Sc. 1935, Harvard.
 HANLEY, HERBERT RUSSELL, Professor of Metallurgical Engineering, 1923, 1946. B.S. in Min.E. 1901, Met.E. 1918, D.Engr. 1946, Missouri School of Mines.
 LEGSDIN, ADOLPH, Associate Professor of Mineral Dressing, 1940. Eng. of Mines 1923, Freiburg Mining Academy; M.S. in Mineral Dressing 1933, Columbia.
 MORRIS, THOMAS M., Assistant Professor of Metallurgical Engineering, 1947, 1950. B.S. 1938, M.S. 1940, Columbia; Ph.D. 1950, Missouri.
 STRAUMANIS, MARTIN EDWARD, Research Professor of Metallurgy, 1947. Engr. Chem. 1925, Dr. Chem. 1927, University of Latvia, Riga, Latvia.
 WALSH, DAVID F., Assistant Professor of Metallurgy, 1925, 1928. B.S. in Met. 1923, M.S. 1924, Missouri School of Mines.
 WINSTON, JOHN S., Instructor in Metallurgy, 1949. A.B. 1937, Cornell; A.M. 1939, University of Chicago.



ALBERT WILBUR SCHLECHTEN

Department Chairman
 Professor of Metallurgical Engineering, 1946.
 B.S. in Met.E. 1937, Montana School of Mines; Sc.D. 1940, M.I.T.



Metallurgy Building

FACULTY

PLANJE, T. J. M., Assistant Professor of Ceramic Engineering, 1946, 1949. B.S. in Ce.E. 1940, Missouri School of Mines; Ph.D. in Ce.E. 1950, University of Missouri.

SHULZE, CHARLES E., Instructor in Ceramic Engineering, 1949. B.S. in Ce.E. 1947, Missouri School of Mines.

Easy now!

Mud packing.

A "sievey" character.

"Excuse" me, please.



Ceramic Engineering Department

Two basic divisions of ceramics are: (1) the technique, (2) the product. In training the student for a career in Ceramic Engineering it is necessary to supplement theoretical classroom work with a practical understanding of the basic principles underlying the technique and product.

A prospective "mud-slinger" begins developing his technique by practical application of his classroom studies with the aid of semi-commercial equipment. The theory on firing and drying, nature of ceramic raw materials, pyrometry, physical properties of ceramic raw materials, no longer remain entirely in the classroom. Special equipment, such as an X-ray machine, spectrophotometer, electric furnaces for P. C. E. tests, etc., are all employed to acquaint the student with modern methods of industry in developing and improving the technique and product.



Experiment Station



PAUL G. HEROLD
Department Chairman
Professor of Ceramic Engineering, 1936, 1944.
B. Cer.E. 1931, M.S. 1932, Ph.D., Ohio State University.

Humanities Department



SAMUEL HORACE LLOYD, JR.
Department Chairman
Professor of Economics, 1921, 1946.
A.B. 1918, DePauw; M.S. 1921, Missouri School of Mines.

FACULTY

AUDRAIN, JOHN P., Instructor in English, 1947. B.A. 1925, M.A. 1936, Oklahoma.
BARR, JO WILLIAM, Instructor in History, 1948. A.B. 1936, M.S. 1937, Washington University.
BREWER, JOHN MOTSINGER, Instructor in English, 1947. B.Ed. 1935, Southern Illinois; M.A. 1942, Illinois.
CAGG, MILES HERBERT, Assistant Professor of English, 1927, 1931. B.S. 1917, A.B. 1920, Ohio; M.A. 1921, Ohio State.
CAPPS, FINIS H., Instructor in English, 1950. B.A. 1943, Central College; M.A. 1947, University of Chicago.
CHRISTY, CARL, Assistant Professor of English, 1946, 1949. B.A. 1944, Colorado.
DERBAK, JOHN, Instructor in Economics, 1947. B.Ed. 1947, Southern Illinois.
GARNER, MELVIN LEONARD, Instructor in Economics, 1946. B.S. 1941, Indiana.



Parks
Steinbach
Derbak

Goold
Christy
Audrain



Cagg
Steinmeyer

Brewer
Garner

Capps
Moulder

GOOLD, ROBERT HAROLD, Instructor in Economics, 1947. B.S. 1926, M.S. 1930, Illinois.
MOULDER, KARL M., Instructor in English, 1947. B.S. 1935, Drury College; M.A. 1948, Washington University.
MURPHY, WILLIAM JOHN, Instructor in English, 1946. Ph.B. 1942, University of Detroit; M.A. 1944, University of Kansas City.
PARKS, THOMAS EDWIN, Instructor in English, 1948. B.Ed. 1942, B.A. 1947, Southern Illinois Normal; M.A. 1948, Washington University.
PHILLIPS, WILLIAM R., Assistant Professor of English, 1946, 1949. B.Ed. 1939, Southern Illinois; M.A. 1942, Illinois.
STEINBACH, ALVIN CHARLES, Instructor in German, 1947. B.S. in Ed. 1937, University of Cincinnati; M.A. 1947, Ohio State.
STEINMEYER, JOHN ANTHONY, Instructor in Economics, 1946. B.J. 1934, Missouri University.

The basic purposes of the Humanities Department are to turn out better engineers, to add to their training for a better democracy, and to increase their opportunities for the difficult job of linking together an engineer's education with the problems to be found in industry. Educators have come to realize that pure technical knowledge does not make a good engineer, but rather an intimate mixture of the

cultural and technical combined.

This department is a service department which teaches twelve credit hours of required work in English, six credit hours of required work in Economics, and three credit hours of required work in American Civilization for all curricula. In addition to the required courses, the department offers numerous electives in liberal arts subjects.



Rolla Building

FACULTY

CARLSON, J., Instructor in Mathematics, 1948. A.B. 1947, A.M. 1948, University of Kansas.

DENNIE, F. E., Associate Professor of Mathematics, 1909, 1931. B.S. in C.E. 1909, Brown.

ERKILETIAN, D. H., Assistant Professor of Mathematics, 1942, 1948. A.B. 1936, Western Kentucky State Teachers College; M.S. 1938, Illinois.

GOODHUE, E. A., Associate Professor of Mathematics, 1925, 1946. A.B. 1917, Amherst; B.S. 1920, California Institute of Technology; M.S. 1927, Missouri School of Mines.

JOHNSON, C. A., Assistant Professor of Mathematics, 1946, 1948. B.Ed. 1937, Northern Illinois State Teachers; M.S. 1940, Northwestern; Ph.D. 1950, Kansas.

KERR, R. H., Instructor in Mathematics, 1946. A.B. 1942, Missouri Valley.

LEE, R. E., Assistant Professor in Mathematics, 1946. B.S. 1942, Missouri Valley.

PAGANO, S. J., Assistant Professor in Mathematics, 1948. B.S. 1946, Missouri School of Mines; M.S. 1948, Washington University.

SCHUMAN, E. K., Instructor in Mathematics, 1946. LL.B. 1918, Missouri; B.S. in C.E. 1920, Missouri School of Mines.

WOODLE, R.G., JR., Instructor in Mathematics, 1948. B.S. 1948, Drury.

ZUPSICH, M., Instructor in Mathematics, 1947. A.B. 1939, Illinois College; M.A. 1946, Illinois.

Old Chem Building



Mathematics Department

The most important tool of every engineer is mathematics. Without mathematics he would not be an engineer. The Math Department offers a series of subjects, beginning with College Algebra and Trigonometry in the first semester of freshman year and ranging up to Differential Equations, required of some engineers in their junior year. Higher courses in mathematics are offered for those students who wish to take electives in the department or to study math on a graduate level.

The majority of the mathematics classes are held on the second floor of the old Chemical Engineering Building. Chairman of the department is Professor Rolfe M. Rankin, who has been teaching here since 1922.



ROLFE M. RANKIN
Department Chairman
Professor of Mathematics, 1922, 1946.
A.B. 1916, Maryville (Tennessee); A.M. 1922, Chicago;
B.S. in C.E. 1927, Missouri School of Mines.

Carlson
Bonnell
Lee

Kerr
Erkiletian
Goodhue

Zupsich
Woodle
Schuman



Physics Department



HAROLD Q. FULLER
Department Chairman
Professor of Physics, 1947.
A.B. 1928, Wabash; A.M. 1930, Ph.D. 1932, Illinois.



Woodman
Fisher

Jensen
Burger

FACULTY

BURGER, JOHN MARTIN, Assistant Professor of Physics, 1946, 1947. A.B. 1939, M.A. 1940, Kansas.

CLEVELAND, ERNEST L., Assistant Professor of Physics, 1949. A.B. 1938, M.S. 1940, University of Kentucky; Ph.D. 1950, Pennsylvania State College.

FISHER, EDWARD, Associate Professor of Physics, 1948. B.S. 1933, M.I.T.; Ph.D. 1945, Cornell.

HOLLAND, CHESTER RAY, Instructor in Physics, 1946. B.S. 1943, Southeast Missouri State Teachers College; M.S. 1948, Missouri School of Mines.

JENSEN, WILLIAM J., Associate Professor of Physics, 1924, 1930. A.B. 1920, Carleton; A.M. 1922, Illinois.

LUND, LOUIS HAROLD, Assistant Professor of Physics, 1948. A.B. 1940, Kansas Wesleyan; M.A. 1943, Ph.D. 1949, Missouri.

WOODMAN, LEON ELMER, Professor Emeritus of Physics, 1919, 1948. A.B. 1899, A.M. 1902, Dartmouth; Ph.D. 1910, Columbia.

Physics, one may say, is as old as the human race. Its history began when men first noticed that tossed pebbles fall to the ground and that water boils over a fire. Yet other sciences, such as mathematics, reached a high degree of development among the ancients, while the science of physics, in spite of isolated discoveries, particularly those of Archimedes, remained largely an unknown realm. Yes, the science of lowering grade points, as it is referred to by many sophomores, is only recently emerging from the shrouds of mystery.

Physics, the mother of the subsidiary sciences of mechanics, sound, heat, light, electricity, and magnetism, is truly an important study and should be well remembered by students in every branch of engineering. Such inventions as the telescope, microscope, and sound movies are made possible by the science of physics and its engineering applications.

At present the Physics Department is located in Norwood Hall, and is under the very capable leadership of Dr. Harold Q. Fuller. Dr. Fuller has a staff of physicists who will be well remembered for their fine work in teaching the many courses offered.

In addition to the required courses, the department has many advanced courses to offer to those interested. For example, a laboratory technique course is offered which gives a firm foundation.



Norwood Hall

dation for proceeding into research in any field. Another such course is theory of measurements which was originated by that grand gent of the Physics Department, Dr. Leon Woodman, Professor Emeritus. Doc has been a part of the department for almost as long as anyone can remember.

Under the guidance of Dr. Fuller and his able staff, an M.S.M. student has every chance to succeed in the field of physics.



Holland



Cleveland



Lund

Mechanics



REX ZADOCK WILLIAMS
 Assistant Dean of the Faculty of the School of Mines
 and Metallurgy
 Department Chairman
 Professor of Mechanics, 1931, 1946
 B.S. in Met. 1931, B.S. in C.E. 1937, Missouri School of Mines;
 M.S. in Engr. Mechanics 1936, Wisconsin.



Halcomb

Luetjen

Davis

A basic part of the engineering curriculum is the subject of Mechanics, the science that deals with the effects of forces on bodies. The study of Mechanics is of importance, since the engineer is constantly facing problems involving the control and utilization of forces. The Mechanics Department under the direction of Dean R. Z. Williams this year is again instructing a large enrollment. Those courses offered in this department are intended to combine the fundamental sciences such as physics and mathematics with the more practical courses taught in the advanced portion of the student's curriculum. These Mechanics courses tend to form a bridge between the fundamental sciences and the application of the sciences to the solution of the everyday problems facing an engineer. It is required, therefore, that every student take the renowned courses, "Statics" and

"Mechanics of Materials", while some curricula also require Dynamics and Materials Testing Lab. These courses are mainly concerned with the solution of structural problems defying the engineer in almost any enterprise that he may enter.

There are also many advanced courses offered to the undergraduate and graduate student, such as Advanced Mechanics of Materials and Materials of Construction, which along with the others prove to be interesting and vital courses.

The importance of the Mechanics Department in an engineering education is obvious, for as long as the curricula of the other departments depend so highly upon it, no one will ever become an engineer without venturing into the Mechanics Department.

Department

FACULTY

COX, DELBERT R., Instructor in Mechanics, 1949. B.S. in C.E. 1949, Missouri School of Mines.

COSTAKOS, NICHOLAS CHARLES, Assistant Professor of Mechanics, 1941, 1947. B.S. in Ch.E. 1939, M.S. 1942, Minnesota.

DAVIDSON, ROBERT FREDERICK, Assistant Professor of Mechanics, 1946. B.S. 1941, Missouri School of Mines.

DAVIS, RALPH, JR., Assistant Professor of Mechanics, 1946. B.M.E. 1946, Minnesota.

HALCOMB, SAMUEL P., Instructor in Mechanics, 1949. B.S. 1948, Missouri School of Mines.

RIGO, HENRI S., Instructor in Mechanics, 1948. B.S. in C.E. 1947, Ohio.

SCHAEFER, RODNEY ARTHUR, Instructor in Mechanics, 1947. B.S. in E.E. 1947, Missouri School of Mines.

SERAFINI, GUY A., Instructor in Mechanics, 1949. B. S. 1949, Missouri School of Mines.



Davidson



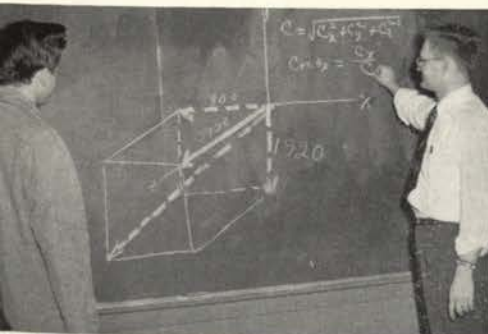
Schaefer



Serafini



Costakos



*It's this way.
Pull the handle.*

How does it look?

Watch that load.

Raise the head.

*Did it bounce?
It's an easy quiz.*

Geology Department



OLIVER RUDOLPH GRAWE
Department Chairman
Professor of Geology, 1928, 1946.
A.B. 1922, M.S. 1924, Washington; Ph.D. 1927, Iowa.



Nackowski
Thune
Johnson

The Geology Department, located on the second floor of Norwood Hall, is a gathering spot for students of many departments. And so it should be, for Geology directly affects many phases of engineering. Therefore, at least a fundamental knowledge of the subject is necessary to most engineers.

Miners, Metallurgists, and Ceramists are constantly confronted with geological problems, and their value to their respective companies will depend upon their ability to solve those problems correctly. The Miner is concerned with exploration for and development of mineral bodies; the development work is guided by the structural features of a deposit. Therefore, a working knowledge of structural controls as may be gained in courses such as Physical Geology, Structural Geology, and Stratigraphy is indispensable to the Mining Geologist. Nor is the usefulness of Geology limited to underground work. The aforementioned Ceramic Engineer derives valuable assistance from Geology. If the student, upon entering industry, plans to do research or control work the ability to use a microscope is necessary. Work with the microscope is offered to the Ceramist in Optical Minerology. In Metallurgy the separation of ores from waste is accomplished by making use of the differences between the physical and/or chemical properties of the two. In Physical and Chemical Minerology the common minerals are studied and their properties learned. The Geology Department, however, does not serve only to complete the education of men in other fields but turns out a fine brand of "straight" Geologist.

Dr. Oliver R. Grawe, chairman of the department, has been a faculty member at M.S.M. since 1928. He is the author of many technical papers and a recognized authority in the field of Minerology.



Rosenfeld
Garbriel

Morgan
Spreng

FACULTY

FRIZZELL, DONALD LESLIE, Associate Professor of Geology, 1948. B.S. 1930, M.S. 1931, University of Washington; Ph.D. 1936, Stanford.

GABRIEL, V. G., Associate Professor of Geophysics, 1949. B.S. 1925, University of California; M.S. 1931, Colorado School of Mines; Sc.D. 1933, Colorado School of Mines.

HIGGS, WILLIAM R., Instructor in Geology, 1951. B.S. in Min.E. 1937, Alabama; M.S. in Geology 1948, Alabama.

JOHNSON, WENDELL B., Instructor in Geology, 1949. B.S. 1948, Kansas State College; M.S. 1949, Kansas State College.

MORGAN, RAY EARLAND, Associate Professor of Economic Geology, 1948. B.A. 1936, M.S. 1941, Minnesota.

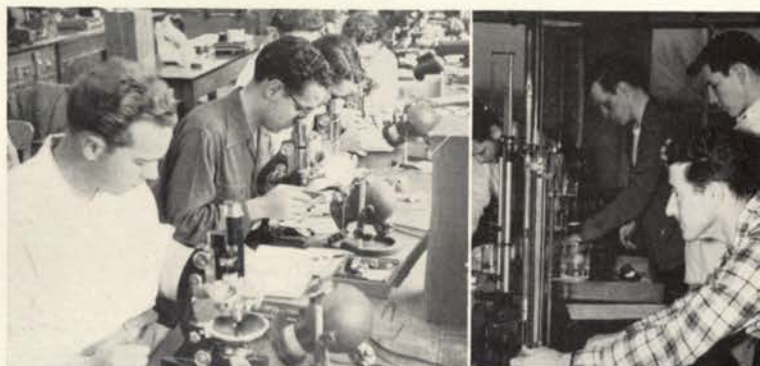
ROSENFELD, JOHN L., Assistant Professor of Geology, 1949. B.A. 1942, Dartmouth; M.S. 1949, Harvard.

SPRENG, ALFRED C., Assistant Professor of Geology, 1950. B.A. 1946, Wooster (Ohio); M.A. 1948, Arkansas; Ph.D. 1950, Wisconsin.

THUNE, HOWARD WILLIS, Instructor in Geology, 1947. B.B.S. 1939, College of Puget Sound; M.S. 1941, Idaho.

*What's the cleavage?
What flux should I use?
Where is it?
Petrography lab.
Rock knocking.*

*Lower away.
It's only fool's gold.
Thune's Goons.
Map readers.
Our boy Ollie.*



Engineering Drawing Department



Thompson

Nevin

Forbes

Engineering Drawing, the graphic language of the engineer, is not a language to be learned only by the few draftsmen who will be professional writers of it but should be understood by all connected with, or interested in, technical industry. One ability which is a necessity for all engineers and which can be most effectively accomplished by means of a graphic or pictorial representation is that of conveying new ideas.

It is the aim of the Engineering Drawing Department, which has as its chairman Professor L. C. Christianson, to train the freshmen and sophomores in the underlying principles, or the alphabet, of this language and to give enough practical drafting work to affix these principles in the mind of the student. With this foundation, the student should be able to continue into advanced work and be able to do creditable professional drafting work.

FACULTY

FORBES, JOHN COLEMAN, Instructor in Engineering Drawing, 1946. B.S. in M.E. 1944, Missouri School of Mines.

NEVIN, FREDERICK EUGENE, Instructor in Engineering Drawing and Descriptive Geometry, 1947. B.S. 1944, Missouri School of Mines.

THOMPSON, HOMER F., Instructor in Engineering Drawing and Descriptive Geometry, 1946. B.S. 1932, Missouri School of Mines.

WILSON, GEORGE B., Instructor in Engineering Drawing, 1947. B.S. in C.E. 1917, Missouri School of Mines.

WYMAN, LEITH L., Instructor in Engineering Drawing and Descriptive Geometry, 1950. B.A. 1949, Nebraska State Teachers College; M.A. 1949, Greeley, Colo.



LLOYD CLINE CHRISTIANSON
Department Chairman
Assistant Professor of Engineering Drawing, 1946.
B.A. 1925, Westminster; M.A. 1928, Missouri.

Military Department

The Engineering unit of the ROTC was established on the M.S.M. campus in January, 1919. Since then it has been an extremely active organization, growing with the school. The purpose of the program is to procure and train a reserve of young men to serve as officers in the U. S. Army in times of national emergency, such as now exists.

Colonel Chester K. Harding, the PMS&T, has headed the staff since 1947. Associate PMS&T is Lt. Col. Raymond J. Wismer. Instructors are Capt. Andrew C. Armstrong, Sgt. 1st Class George G. Whitney, and Sgt. Robert C. Dunn.



CHESTER KRUM HARDING
Department Chairman
Professor of Military Science and Tactics, 1947.
B.S. 1918, United States Military Academy.



Armstrong

FACULTY

WISMER, RAYMOND J., Association Professor of Military Science and Tactics, 1949. B.S. in Min.E. 1931, M.S. in Geol. 1937, Kansas.

ARMSTRONG, ANDREW C., Captain, Army of the United States.

HESS, LOUIS C., Master Sergeant, Army of the United States.

WHITNEY, GEORGE G., Sergeant First Class, Army of the United States.

DUNN, ROBERT C., Sergeant, Army of the United States.

*Who's this guy "Bailey"?
Steady.*

*Ammo experts.
Big noise.*

*Big guns.
Practice makes perfect.*

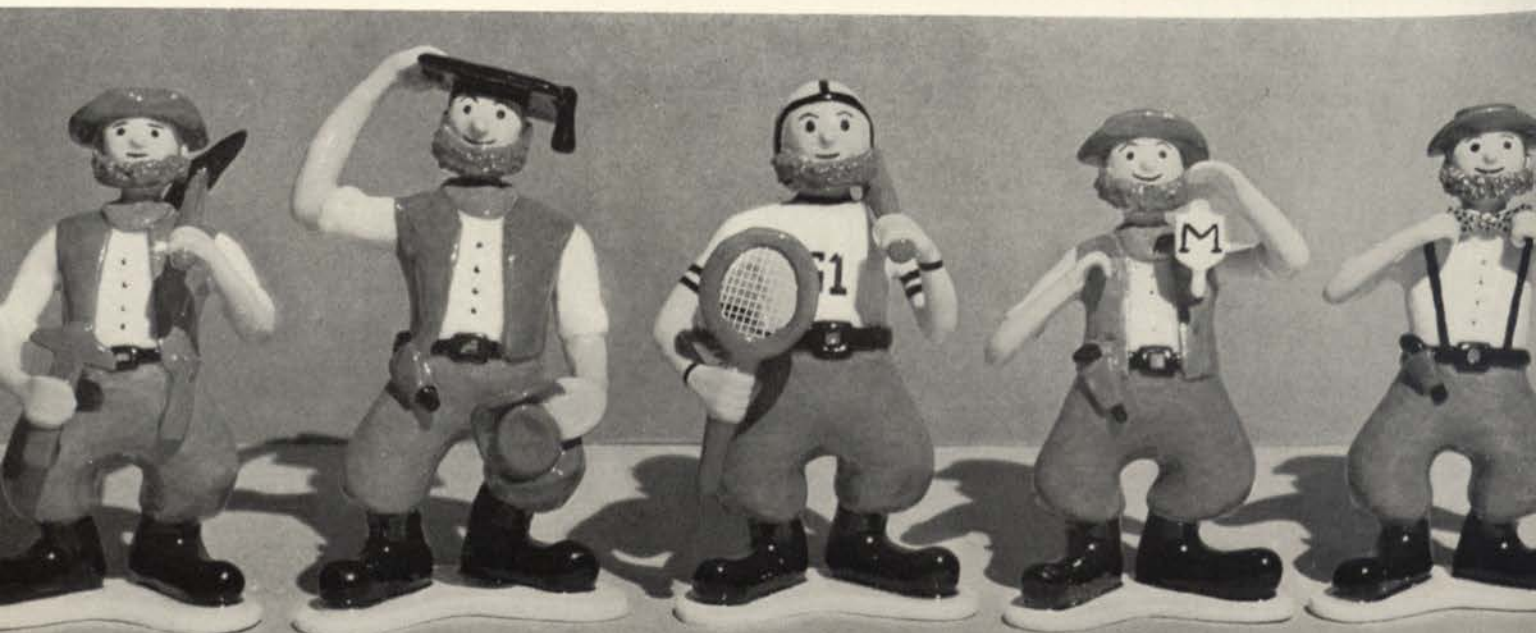


IT LOOKS as if Joe is finally going to replace his battered hat with that wonderful object—the senior cap.

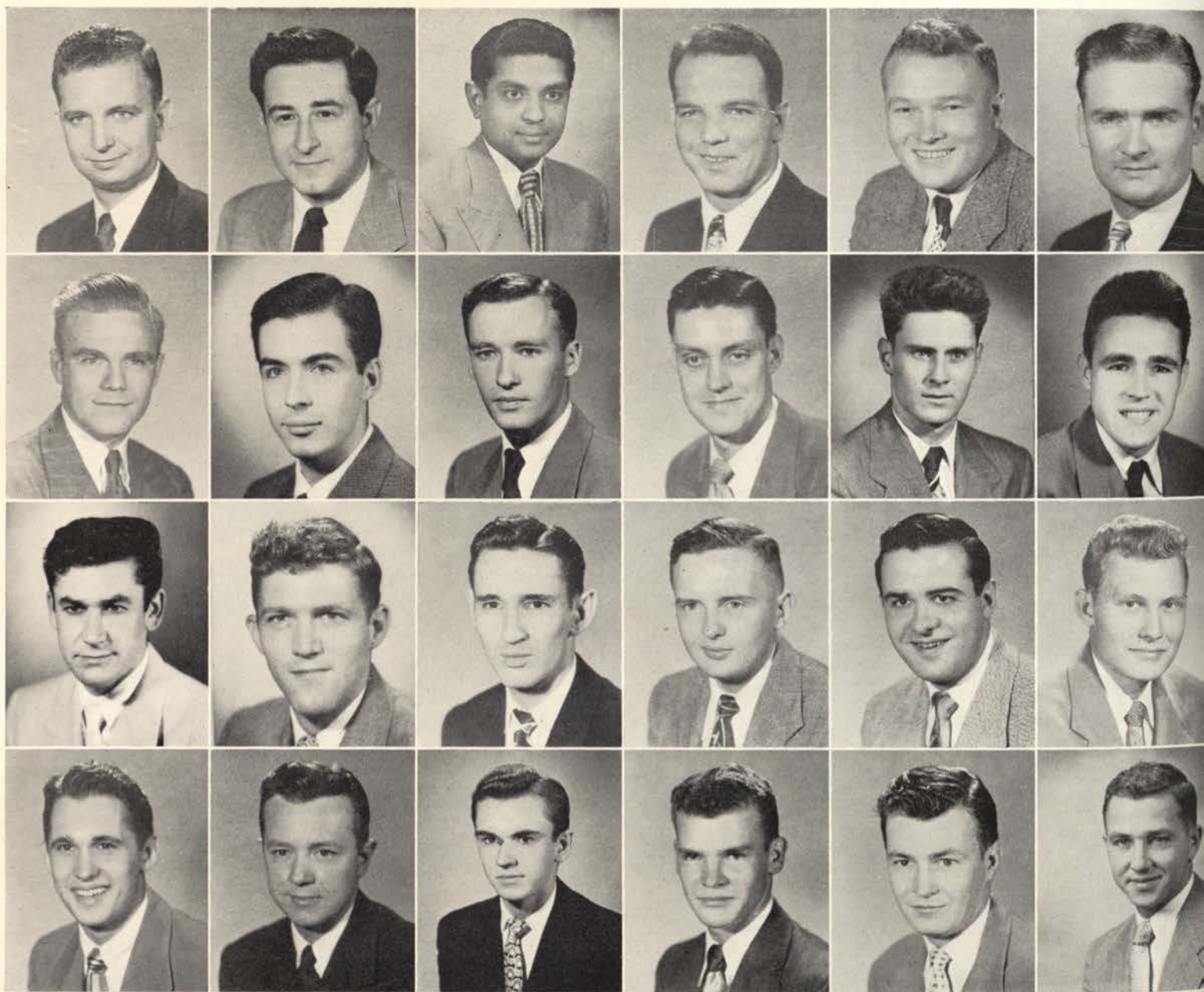
He thinks to himself, "At last," and steps forward to take his place in the world—the industrial world of which he has heard so much, but of which he knows so little.

Goodbye and good luck, Joe, we know you'll succeed.

Classes







Achterbery
Arnold
Ballestero
Basham

Altman
Arsan
Ballaw
Batteliger

Amin
Ayers
Bange
Bauer

Anderson, D. E.
Baldwin
Barrow
Beachler

Anderson, D. K.
Babcock
Banghart
Beatty

Armstrong
Ballass
Bartel
Beaver

Senior Class

Achterberg, Ernest R.....Min.-Geol.....Alexander, Ark.
Gamma Delta Corresponding Secretary and Secretary; Dis-
tinguished Military Student. Transferred from University of
Arkansas.

Altman, Stanley Marvin.....Civil.....Kansas City, Kans.
Alpha Epsilon Pi; ASCE. Transferred from Kansas City
Junior College.

Amin, Manu G.....Ceramics.."Dyoti" Alkapuri, Baroda, India
ACS; AIME.

Anderson, David King.....Min.-Pet.....Taft, Calif.
AIME President; Football Squad "M" Letter; "M" Club.

Anderson, Donald Eugene.....Mining.....Richland, Wisc.
AFS Secretary. Transferred from Wisconsin Institute of Tech-
nology.

Armstrong, Richard Lee.....Electrical.....Doniphan, Mo.

Arnold, John Marshall.....Civil.....Wichita, Kans.
Honor List.

Arsan, Emin Iral.....Chemical.....Turkish Educational Attache
New York, N. Y.
MSM Photo Club; International Fellowship, President.

Ayers, Owen.....Mining.....Eau Claire, Wisc.
Transferred from Wisconsin Institute of Technology.

Babcock, Clarence Otis.....Mining.....S. Fort Dodge, Ia.
Phi Kappa Phi; Honor List. Transferred from Wisconsin In-
stitute of Technology.

Baldwin, William M.....Civil.....Greenville, Mo.
Alpha Phi Omega, President; Engineers Club; Honor List.
Transferred from Southwest Missouri State College.

Ballass, John Thomas.....Metallurgy.....New London, Conn.
Honor List; AFS; ASME; Student Assistant Library.

Nineteen Fifty-One

Ballestero, Antonio P., Jr.....Civil.....Saratoga Springs, N. Y.
ASW; American Road Builders Association; Independents;
Jackling Terrace Council. Transferred from Champlain
College.

Ballew, James E.....Civil.....El Dorado, Kans.
Honor List; ASCE. Transferred from Washington University.

Bange, Eugene Edward.....Electrical.....St. Louis, Mo.
Transferred from Harris Teachers College.

Banghart, Roger Clinton.....Min.-Geol.....Kansas City, Mo.
Tau Kappa Epsilon; AIME; Baptist Student Union; Student
Assistant Library.

Barrow, Robert Bruce.....Mechanical.....Rochester, N. Y.
ASM Program Chairman; Jackling Terrace Council.

Bartel, John G.....Ceramics.....Creve Coeur, Mo.
ACS; Baptist Student Union.

Basham, James Chalmer.....Mechanical.....Centralia, Ill.
ASME. Transferred from Centralia Junior Township College.

Batteiger, John Clayton.....Metallurgy.....Sterling, Ill.
Tau Beta Pi; Honor List.

Bauer, Richard Henry.....Chemical.....St. Louis, Mo.
Pi Kappa Alpha Secretary, Publicity; Honor List; Blue Key,
Secretary-Treasurer; AICHE; Student Council; Rollamo Board
Literary Editor, Key, Business Manager.

Beachler, Ray Dean.....Electrical.....Buffalo, Mo.
Engineers Club.

Beatty, Joseph Allen.....Civil.....S. Ozone Park, N. Y.
ASCE.

Beaver, M. H.....Petroleum.....Spencer, N. C.
AIME; Gamma Delta. Transferred from Catawba College.

Beck, Russell John.....Mechanical.....Winnabage, Wisc.
Transferred from Wisconsin Institute of Technology.

Becker, Robert Louis.....Sci.-Physics.....Kirkwood, Mo.
Engineers Club, Business Manager; Tau Beta Pi, Vice-Presi-
dent; Phi Kappa Phi Book Plate Award; Gold Key Award;
Honor List; Sigma Pi Sigma, President; Physics Ferreters;
Rifle Club; Student Assistant Physics Department.

Beckman, Charles Allan.....Sci.-Geol.....Nashville, Ill.
Transferred from University of Illinois.

Bellis, Gerald Bartlett.....Civil.....St. Joseph, Mo.
Phi Kappa Phi Book Plate; Honor List; ASCE; Interfaith
Council, President; Baptist Student Union, Vice-President;
Chi Epsilon. Transferred from St. Joseph Junior College.

Bender, Gerald H.....Mechanical.....St. Louis, Mo.
Honor List; ASME.

Benson, Larry Edward.....Mining.....Soldier Grove, Wisc.
Transferred from Wisconsin Institute of Technology.

Berenato, Anthony Joseph.....Mechanical.....Hammonton, N. J.
Tau Kappa Epsilon; ASME.

Berger, Frank Charles.....Petroleum.....Rolla, Mo.
Transferred from Syracuse University.

Berley, Joseph Pat.....Mechanical.....St. Louis, Mo.
Tech Club; ASME.

Berryhill, George M.....Min.-Geol.....Keokuk, Ia.
Honor List. Transferred from University of Chicago.

Bertel, Donald J.....Civil.....Brentwood, Mo.
Engineers Club; Alpha Phi Omega, President; ASME; Ameri-
can Road Builders Association.

Beven, William L.....Mechanical.....St. Louis, Mo.
Sigma Pi Herald; ASME; AFS. Transferred from Harris
Teachers College.



Beck
Berenato

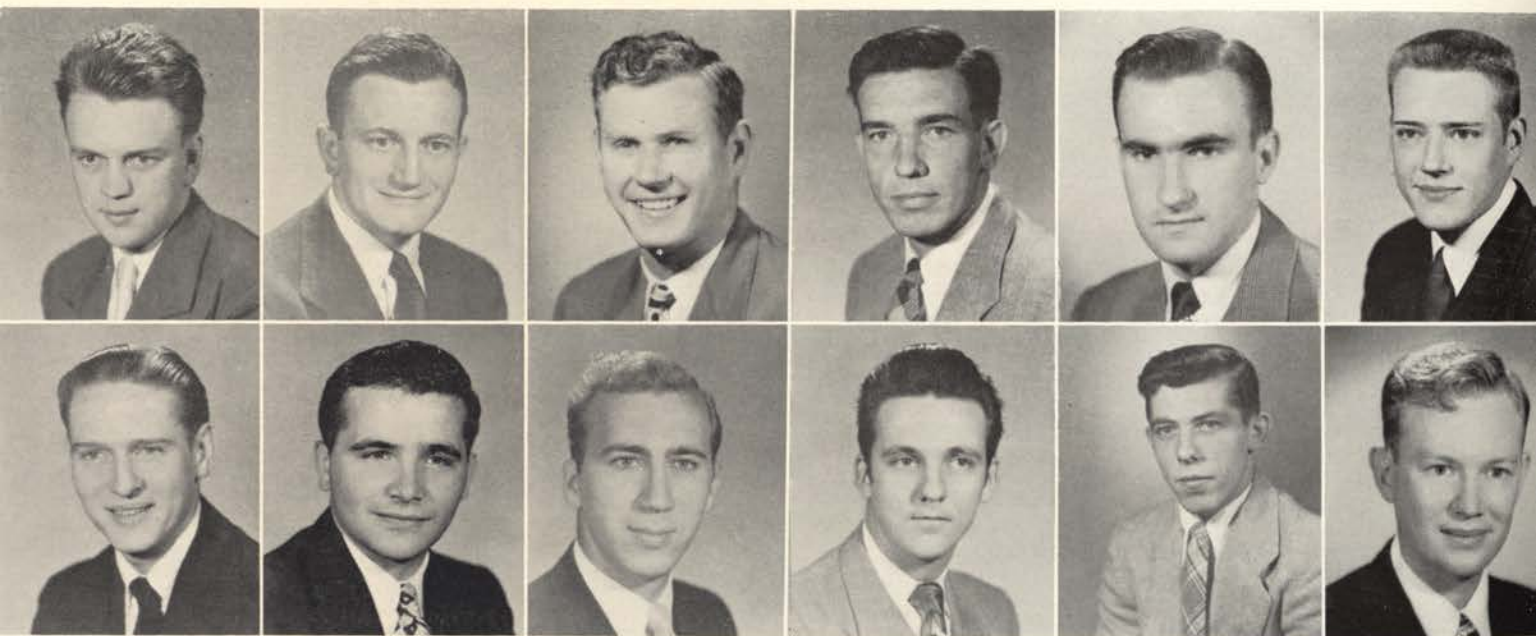
Becker
Berger

Beckman
Berley

Bellis
Berryhill

Bender
Bertel

Benson
Beven



Bieri
Bollwerk

Birch
Bond

Bishop
Bopp

Blancke
Borgerding

Blendermann
Boscia

Bodicky
Boushka

Senior Class

Bieri, Leonard, Jr.....Mechanical.....Lee's Summit, Mo.
Honor List; ASME; AFS; Student Assistant Drawing Department.

Birch, Frank E.....Mining.....Cedar Falls, Ia.
Honor List; Blue Key; Football; Photography Club; Glee Club. Transferred from Cornell University.

Bishop, Billie J.....Civil.....Cardwell, Mo.
Honor List; ASCE. Transferred from Arkansas State College.

Blancke, Charles D., Jr.....Min.-Geol.....Rolla, Mo.
Theta Xi, Historian; AIME; Football; "M" Club; Student Assistant P.E. Department. Transferred from Middlebury College.

Blendermann, Gene Richard.....Mining.....Richmond, Ky.
Tau Beta Phi; Honor List; AIME; Detonators; Gamma Delta.

Bodicky, Andrew Leo.....Electrical.....St. Louis, Mo.
MSPE. Transferred from Harris Teachers College.

Bollwerk, George Paul.....Metallurgy.....St. Louis, Mo.
Tau Kappa Epsilon; ASM; SAME.

Bond, Elbert Thomas III.....Geology.....Springfield, Mo.
Alpha Phi Omega. Transferred from Southwest Missouri State College.

Bopp, Harold Milton.....Mechanical.....Alton, Ill.
Honor List; Alpha Phi Omega; ASME. Transferred from Shurtleff College.

Borgerding, Lawrence Hugh.....Mining.....Marthasville, Mo.
Honor List; AIME; Independents.

Boscia, Frank Joseph.....Chemical.....Rolla, Mo.
AFS.

Boushka, William Matthias.....Chemical.....Carrollton, Ill.
Tau Beta Phi; Honor List; Phi Kappa Phi Book Plate; Gold Key Award; Alpha Chi Sigma; AIChE; Student Assistant Chemical Department.

Boyd, Charles L.....Electrical.....Bloomfield, N. J.
Tech Club; Honor List; Phi Kappa Phi Book Plate. Transferred from Turman University and Newark College Engineers.

Brady, John Richard.....Min.-Pet.....Omaha, Neb.
Theta Xi, Vice-President; Chi Sigma; AIME.

Brakensiek, William E.....Civil.....St. Louis, Mo.
ASCE; Student Assistant Military Department.

Brenk, Richard A., Jr.....Mechanical.....Kansas City, Mo.
Honor List; ASME; Student Assistant Library. Transferred from Kansas City Junior College.

Brillos, John William.....Mechanical.....Hannibal, Mo.
Sigma Nu; ASME.

Broadus, Richard Dudley.....Civil.....Chillicothe, Mo.
Sigma Nu.

Brockaw, Van Ganford.....Mining.....Milwaukee, Wisc.
Transferred from Wisconsin Institute of Technology.

Brown, Thomas LeRoy.....Petroleum.....Granite City, Ill.
Kappa Alpha; ROTC Staff Sergeant; Second Lieutenant; Detonators.

Browne, Thomas C.....Ceramics.....Bergenfield, N. J.
Kappa Alpha; ACS.

Bruer, Everett Edward.....Mechanical.....St. Louis, Mo.
Honor List; ASME; Varsity Track Award.

Brunkhorst, Earl Ray.....Mechanical.....Overland, Mo.
Honor List; ASME.

Buettner, Melvin Arthur.....Metallurgy.....St. Charles, Mo.
AFS; ASM; Gamma Delta.

Nineteen Fifty-One

Bullock, Richard Lee.....Mining.....Houston, Mo.
Sigma Nu; Honor List; ASME Treasurer; Student Council;
Student Assistant Mining Department.

Burch, William D.....Chemical.....Jerseyville, Ill.
Tech Club; President, Tau Beta Pi; Honor List; Phi Kappa
Phi Book Award; Gold Key Award; Alpha Chi Sigma; Mas-
ter Alchemist; AIChE Award.

Burkardt, Billy Lee.....Civil.....Kansas City, Mo.
Honor List; American Road Builders Association.

Burkhead, Kenneth Eugene.....Civil.....Kansas City, Mo.
Honor List; ASCE; MSM Rifle and Pistol Club.

Burnett, Kenneth J.....Electrical.....Kansas City, Mo.
Honor List.

Burns, Otis Allen.....Mining.....Miami, Okla.
Transferred from Wisconsin Institute of Technology.

Burstein, Murray.....Civil.....Brooklyn, N. Y.
Phi Epsilon; Honor List; Phi Kappa Phi Book Plate Award;
ASCE; Student Assistant Civil Department.

Burnett, Robert Louis.....Mechanical.....Webster Groves, Mo.
Honor List; ASME.

Buss, Robert William.....Civil.....St. Louis, Mo.
ASCE; MSPE.

Callahan, Melvin Edward.....Mechanical.....West Plains, Mo.
Honor List; ASME; ROTC Distinguished Military Student.
Transferred from University of Tulsa.

Calton, Ralph D.....Min.-Pet.....Hartville, Mo.
Honor List. Transferred from University of Missouri.

Canday, Donald William.....Metallurgy.....Springfield, Ill.
Theta Xi; ASM. Transferred from Springfield Junior College.



Boyd
Brokaw
Bullock
Burstein

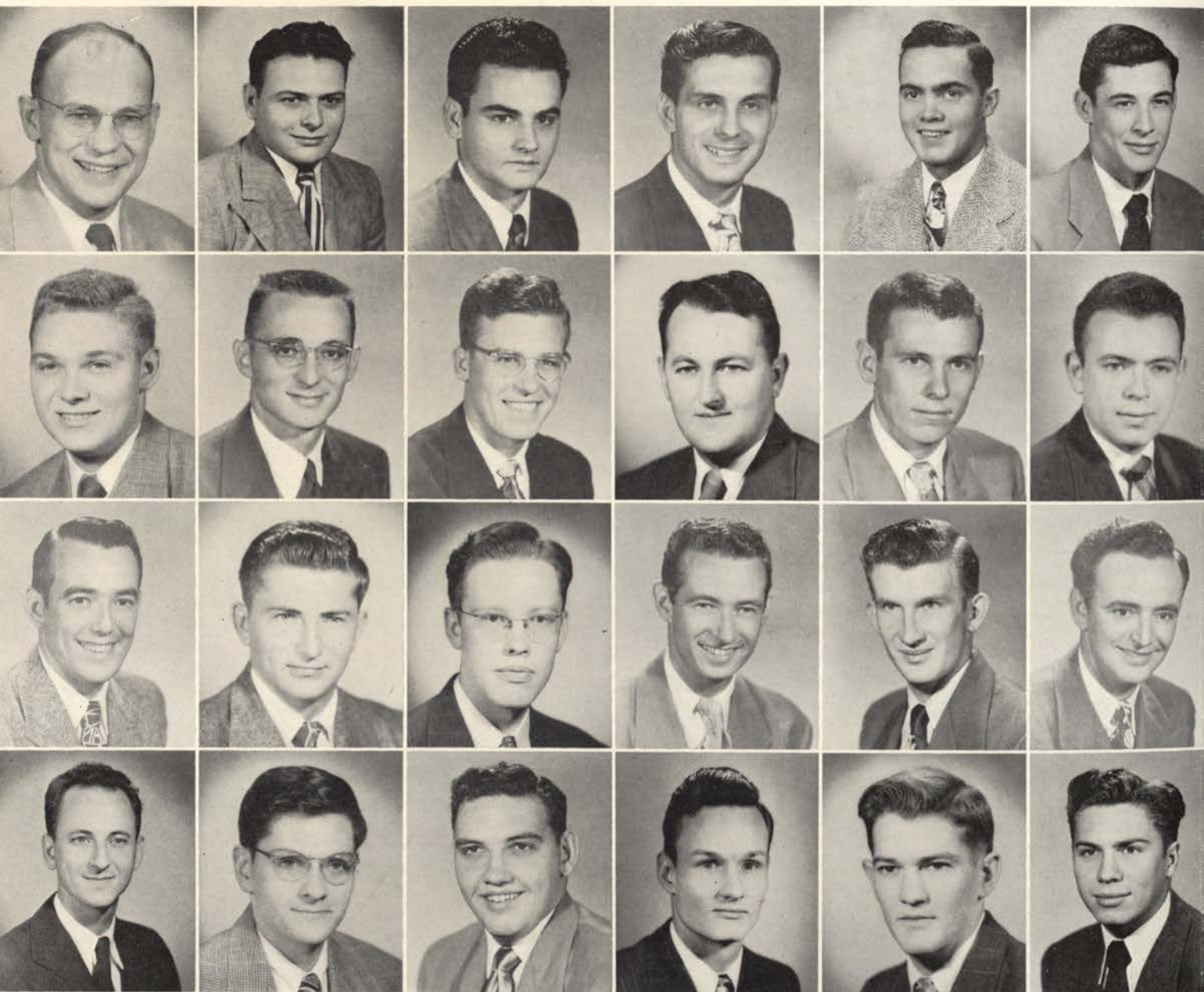
Brady
Brown
Burch
Burnett

Brakensiek
Browne
Burkardt
Buss

Brenk
Bruer
Burkhead
Callahan

Brillos
Brunkhorst
Burnett
Calton

Brokaw
Buettner
Burns
Canday



Cantwell
Choate
Cole
Cooper, J. D.

Cardetti
Christian
Comanich
Cooper, J. J.

Carl
Clark, H.
Commerford
Cotten

Carthew
Clark, J.
Compton
Cox

Cheadle
Clarke
Connolly
Craig

Chiles
Cohen
Cook
Crow

Senior Class

Cantwell, Lyle E.....Metallurgy.....Rolla, Mo.
ASM, Vice Chairman; AFS.

Cardetti, Leo Marion.....Petroleum.....Rosati, Mo.
Theta Kappa Phi; Rollamo Board; Miner Board.

Carl, Joe Jennings.....Mechanical.....Mt. Vernon, Mo.
Honor List; ASME; Student Assistant Mechanical Department.

Carthew, Douglas John.....Mining.....Platteville, Wisc.

Cheadle, Keith F.....Electrical.....Rosati, Mo.
Glee Club. Transferred from Bradley University.

Chiles, William E.....Mechanical.....Springfield, Ill.
Engineers Club; Independents; ASME. Transferred from
Springfield Junior College.

Choate, Lauren W.....Mining.....Oakfield, N. Y.
Sigma Pi, Secretary, House Manager; MSM Rifle Club; De-
tonators; Student Assistant Library.

Christian, Lynn Michael.....Mining.....Rolla, Mo.
Student Assistant Mining Department. Transferred from
Wisconsin Institute of Technology.

Clark, Howard Thurman.....Civil.....St. Louis, Mo.
Tech Club; ASCE; Glee Club; Photo Club; ASE; American
Road Builders Association; Baptist Student Union. Trans-
ferred from Harris Teachers College.

Clark, John William, Jr.....Civil.....Rolla, Mo.
Tau Beta Pi; Phi Kappa Phi; Honor List; Chi Epsilon; ASCE,
Treasurer; American Road Builders Association; ASE; Stu-
dent Assistant Civil Department. Transferred from Centralia
Junior College.

Nineteen Fifty-One

Clarke, Kenneth Richard.....Mining.....Platteville, Wisc.
Wesley Foundation.

Cohen, Donald A.....Civil.....Brooklyn, N. Y.
Alpha Epsilon Pi; ASCE; Student Assistant Civil Department.

Cole, Donald Elbert.....Mining.....Milwaukee, Wisc.
Transferred from Wisconsin Institute of Technology.

Comanick, George Wm.....Mechanical.....Orient, Ill.
Engineers Club; ASME; Football; Basketball (B).

Commerford, George Edw.....Chemical.....Crystal City, Wisc.
Tech Club; Honor List; Alpha Chi Sigma; AIChE.

Compton, Stanley Eugene.....Mechanical.....Kansas City, Mo.

Connolly, John Samuel.....Mechanical.....Springfield, Mo.
Honor List; ASME; Hammer Throwers; Photo Club. Transferred from Drury College.

Cook, Laverne Francis.....Civil.....Cuba City, Mo.
ASCE; American Road Builders Association. Transferred from Wisconsin Institute of Technology.

Cooper, James D.....Mining.....Batesville, Ark.
Honor List; AIME.

Cooper, James Jacob.....Min.-Geol.....Webster Groves, Mo.
Tech Club; Fencing Club; MSM Rifle Club; Spelunkers Club.

Cotten, Merrill R.....Civil.....Eldon, Mo.
ASCE; Detonators.

Cox, William E.....Min.-Geol.....St. Louis, Mo.
Detonators; Pershing Rifles, Commanding Officer; ROTC Second Lieutenant; SAME. Transferred from Washington University.

Craig, William Eugene.....Min.-Geol.....Bonne Terre, Mo.
Honor List.

Crow, Ross Freeland.....Chemical.....Licking, Mo.
Tech Club; Honor List; Alpha Chi Sigma; AIChE; Miner Board News Staff; ROTC Band; Interfaith Council; Wesley Foundation, Secretary-Treasurer.

Crowell, Gilbert L.....Civil.....Buffalo, N. Y.
Honor List; ASCE; BSU; American Road Builders Association.

Cunningham, John Wilton.....Petroleum.....Wentzville, Mo.

Dalton, Thomas Joseph.....Civil.....St. Louis, Mo.
ASCE. Transferred from University of Missouri and Harris Junior College.

Dassenbrock, Arthur Aloysius.....Civil.....Effingham, Ill.
Engineers Club; independents; ASCE. Transferred from Chicago City Junior College.

Daugherty, Bob Earl.....Mining.....Steuben, Wisc.
Transferred from Wisconsin Institute of Technology.

Davidson, John N.....Electrical.....Springfield, Ill.
Phi Kappa Phi; Honor List. Transferred from Springfield Junior College.

Day, Donald James.....Mechanical.....Rolla, Mo.
ASME; ROTC Sergeant; Second Lieutenant.

Day, George P.....Civil.....Lebanon, Mo.
Honor List; ASCE.

Delurgio, Frank Anthony.....Electrical.....Creve Coeur, Mo.
AIEE. Transferred from Harris Teachers College.

Dickens, Richard Lee.....Electrical.....Kirkwood, Mo.
Transferred from Central College.

Dieckgrafe, Robert Ernst.....Chemical.....St. Louis, Mo.
Tau Kappa Epsilon; Honor List; Alpha Chi Sigma; AIChE.

Dixon, Matthew Bruce.....Mechanical.....North Tarrytown, N. Y.
Chi Sigma; ASME; ROTC Sergeant, Second Lieutenant, First Lieutenant; Detonators, Vice-President.



Crowell
Day, D.

Cunningham
Day, G.

Dalton
Delurgio

Dassenbrock
Dickens

Daugherty
Dieckgrafe

Davidson
Dixon



Dommersnaes
Dreste

Donaldson
Dryden

Doria
Dubois

Dowling, D.
Dulberg

Dowling, N.
Dunn, C.

Doyle
Dunn, E.

Senior Class

Dommersnaes, Orland B.....Mining.....Gay Mills, Wisc.
AIME. Transferred from Wisconsin Institute of Technology.

Donaldson, George Randal.....Min.-Pet.....McLeansboro, Ill.
Independents; Tech Club; Honor List.

Doria, Sante Joseph.....Sci.-Physics.....Hawthorne, N. J.
Honor List; ACE.

Dowling, Donald John.....Chemical.....Ladue, Mo.
Triangle, Vice-President, President; Honor List; Blue Key;
Alpha Chi Sigma; AICHE; Football "M" Letter; "M" Club;
ROTC, Corporal; Student Assistant Chemical Department.

Dowling, Neal Bernard.....Electrical.....St. Louis, Mo.
Triangle, Corresponding Secretary, Assistant Treasurer,
Treasurer; Honor List; Phi Kappa Phi Book Plate Award;
Blue Key, Vice-President; SAME; Distinguished Military Stu-
dent; Student Council; Rollamo; Miner.

Doyle, Merville Edward.....Chemical.....Alton, Ill.
Honor List; Alpha Chi Sigma; ACS. Transferred from St.
Louis University.

Dreste, Harry Frank.....Sci.-Physics.....Kirkwood, Mo.
Engineers Club; Honor List; Physics Ferreters.

Dryden, Joseph Louis.....Mechanical.....St. Louis, Mo.
Engineers Club; Independents; Student Council; St. Pat's
Board, Treasurer; Vice-President Junior Class.

Dubcis, Robert Donald.....Civil.....Port Jefferson, N. Y.
ASCE; American Road Builders Association.

Dulberg, Irving.....New York, N. Y.
ACS; Alpha Epsilon Pi; Student Assistant Library.

Dunn, Charles Edwin.....Mechanical.....Valley Park, Mo.
Gamma Delta

Dunn, Erwin F.....Mechanical.....Anaheim, Calif.
Kappa Alpha; Football.

Durrenberger, Joseph Warren.....Mining.....Valdosta, Ga.
Tau Kappa Epsilon; Tech Club; Honor List. Transferred from
University of Georgia.

Eissinger, Karlheinz.....Civil.....Independence, Kans.
Independents; Gamma Delta, Business Manager, President.
Transferred from Independence Junior College.

Elbaum, Jerome Kenneth.....Metallurgy.....Glen Cove, N. Y.
Alpha Epsilon Pi, Lt. Master, Steward; Honor List; Blue Key;
AFS; St. Pat's Board, Assistant Treasurer, Secretary; Stu-
dent Assistant Library.

Elliott, Edwin George.....Metallurgy.....Rockford, Ill.
Independents; Honor List.

Ellison, James McRee.....Mechanical.....Wood River, Ill.
Transferred from Southern Illinois College.

Elwood, William A.....Civil.....Decatur, Ill.
Triangle; Honor List; ASCE; Rollamo Board; ARBA.

Englund, John O.....Metallurgy.....Hibbing, Minn.
Tech Club; Glee Club; Varsity Track Award; Gamma Delta.
Transferred from Hibbing Junior College.

Espamer, Thomas Richard.....Mining.....Hurley, Wisc.
Transferred from Wisconsin Institute of Technology.

Estep, Chester Calvin.....Mountain Grove, Mo.
Transferred from Wichita University.

Evans, Thomas Royston.....Metallurgy.....Laguna Beach, Calif.
Kappa Sigma; Miner News Staff; Miner Board Key; Rollamo
Circulation Staff; Interfraternity Council.

Fahs, Donald George.....Civil.....Auburn, Ill.
Alpha Phi Omega, Sergeant at Arms; ASCE; MSPE; Ameri-
can Road Builders Association, Vice-President.

Fairchild, William Wert.....Sci.-Geol.....Cranford, N. J.
Lambda Chi Alpha; Tau Beta Pi; Theta Tau Freshman Re-
cognition Award; Theta Tau; Honor List; Silver Key; Blue
Key, Corresponding Secretary; MSM Rifle Club; MSM Glee
Club; ROTC Band; Student Assistant Geology Department.

Nineteen Fifty-One

Farr, Forrest F.....Ceramics.....Rolla, Mo.
Honor List; ACS.

Ferber, George E.....Metallurgy.....Hinsdale, Ill.
Lambda Chi Alpha; AFS. Transferred from Iowa Wesleyan College.

Ferguson, Wallace.....Civil.....Madison County, Ind.
Sigma Chi; Campus Vets, Assistant Vice Commander; Student Assistant Drawing.

Fermann, Robert Donald.....Mechanical.....Baldwin, N. Y.
Tau Kappa Epsilon; ASME.

Ferry, Charles Ronald.....Electrical.....Zeigler, Ill.
Transferred from University of Missouri and Southern Illinois University.

Fitzpatrick, James John.....Electrical.....Arsona, Conn.
Sigma Pi Epsilon; Interfraternity Council.

Flore, Robert Ervin.....Civil.....St. Louis, Mo.
Sigma Pi Epsilon, Historian; ASCE; Miner Board News Staff; Student Assistant Drawing Department.

Fornari, Joseph.....Mechanical.....Yatesboro, Pa.
Independents; Tech Club; ASME; MSPE.

Foster, Warren R.....Mining.....Baraboo, Wisc.
Transferred from Wisconsin Institute of Technology.

Freuler, Paul Arthur.....Mechanical.....Webster Groves, Mo.
ASME; Student Council.

Freytag, Carl Andrew.....Min.-Geol.....Newark, N. J.
Honor List; AIME; ROTC Band; Glee Club.

Friedman, Charles Lester.....Metallurgy.....New York, N. Y.
Chi Sigma; Theta Xi; Theta Tau, Vice-President; St. Pat's Board. Transferred from Oklahoma University.



Durrenberger
Englund
Farr
Flore

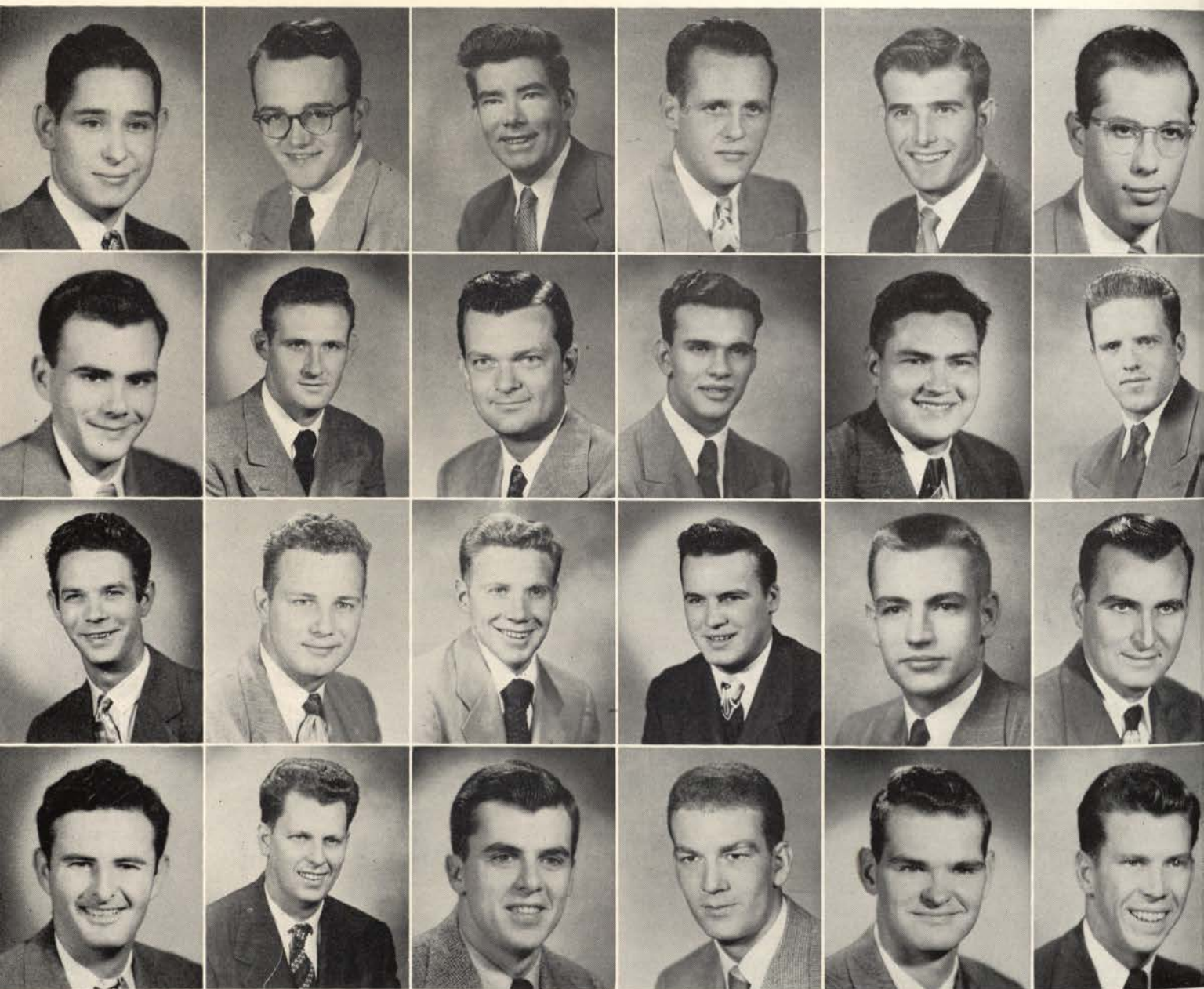
Eissinger
Espamer
Ferber
Fornari

Elbaum
Estep
Ferguson
Foster

Elliott
Evans
Fermann
Freuler

Ellison
Fahs
Ferry
Freytag

Elwood
Fairchild
Fitzpatrick
Friedman



Fris
Ganley
Gieske
Gorman

Fritschen
Gardner
Gifford
Gosen

Fulghum
Garyotis
Gillen
Gould, D.

Fundel
Gehrig
Givens
Gould, R.

Gabrielse
Gerard
Glenn
Green

Gaillard
Gibbs
Glover
Greer, B.

Senior Class

Fris, Joseph Paul.....Chemical.....Orient, Ill.
Honor List; Phi Kappa Phi Book Plate Award; Silver Key;
AICHE, President.

Fritschen, Herman Adolf.....Civil.....Jennings, Mo.
Chi Epsilon; ASCE; Gamma Delta.

Fulghum, Weldon Franklin.....Mining.....Rosiclare, Ill.

Fundel, Richard.....Mechanical.....Hillview, Ill.
ASME.

Gabrielse, Richard S.....Mechanical.....Sheboygan, Wisc.
Kappa Alpha; Honor List; ASME; Glee Club. Transferred
from Wisconsin Institute of Technology.

Gaillard, Luciano Arturo.....Mechanical.....Lima, Peru
Honor List; ASME.

Ganley, Robert Joseph.....Civil.....Hudson, N. Y.
Independents; Jackling Terrace Council; American Road
Builders Association.

Gardner, John Edward.....Mining.....Chicago, Ill.
Independents; Honor List; AIME; Board of Commissioners,
President, Student Assistant.

Garyotis, Walter.....Mining.....Chicago, Ill.
Transferred from Wisconsin Institute of Technology.

Gehrig, Robert Dee.....Electrical.....Centralia, Ill.
Transferred from Centralia Junior College.

Gerard, Robert A.....Chemical.....St. Genevieve, Mo.
Transferred from Shurtleff College.

Gibbs, Louis Albert.....Mining.....New Rochelle, N. Y.
Independents; AIME. Transferred from Champlain College.

Nineteen Fifty-One

Gieske, Leo E.....Electrical.....Springfield, Mo.
Transferred from Southwest Missouri State College.

Gifford, Harold, Jr.....Electrical.....Houston, Mo.
AIEE Secretary, Chairman; Football; "M" Club.

Gillen, David Urban.....Mining.....Bloomington, Ill.
Chi Sigma; Theta Xi; Alpha Pi Omega, Treasurer, President;
Spelunkers Club. Transferred from Illinois State Normal.

Givens, William Arthur.....Petroleum.....Paris, Ill.
Kappa Alpha; Spelunkers Club.

Glenn, David Ernest.....Mechanical.....Carthage, Mo.
Kappa Sigma; Honor List; Tau Beta Pi; SAME; Distinguished
Military Student; ROTC Second Lieutenant.

Glover, Thomas Owen.....Mining.....Rolla, Mo.
AIME; Spelunkers Club.

Gorman, William Henry.....Civil.....St. Louis, Mo.
Sigma Nu; ASCE; Student Assistant Librarian.

Gosen, Theodore H., Jr.....Sci.-Chem.....St. Louis, Mo.
Honor List; Alpha Chi Sigma; AICHe; Student Assistant
Guidance Center.

Gould, David S.....Metallurgy.....Alton, Ill.
Pi Kappa Alpha, Treasurer, Pledgemaster, President; Blue
Key; Theta Tau; ASM; AFS; AIME. Transferred from St.
Louis University.

Gould, Richard D.....Min.-Geol.....Long Beach, Calif.
Honor List. Transferred from Long Beach City College.

Green, William G.....Electrical.....Ft. Leonard Wood, Mo.
Transferred from Southwest Missouri State College.

Greer, Bill J.....Min.-Pet.....Sikeston, Mo.
Sigma Pi; AIME; Swimming Team Letter; "M" Club. Trans-
ferred from Southwest Missouri State Teachers College.

Greer, Douglas P.....Electrical.....East St. Louis, Ill.
Tau Kappa Epsilon; Honor List; ROTC Sergeant.

Greer, Rex Eugene.....Mechanical.....Plains, Kans.
Honor List; ASME. Transferred from Ft. Hays, Kansas State.

Greig, George Herber.....Min.-Geol.....Rolla, Mo.
Kappa Sigma; Honor List; AICHe; AIME; Fencing Club; Glee
Club.

Griffin, Wm. Raymond.....Ceramics.....Queens Village, N. Y.
Independents; ACS. Transferred from Champlain College.

Griffith, John Bail.....Civil.....Carbondale, Ill.
Triangle; ASCE, President; American Road Builders Associa-
tion; ASE, President; Detonators; Pershing Rifles; Rollamo
Board, Organization Editor. Transferred from Southwest Illi-
nois University.

Gross, Anthony F.....Chemical.....St. Louis, Mo.
Transferred from Washington University.

Grothaus, Joseph V.....Ceramics.....Fulton, Me.
ACS.

Guintoli, Aurelio.....Metallurgy.....Cicero, Ill.
Honor List; MSPE; AFS.

Guzzy, Frank George.....Chemical.....Yonkers, N. Y.
Chi Sigma; Theta Xi, House Manager; Honor List; Alpha
Chi Sigma; AICHe; Rollamo Board Key.

Hackel, William R.....Civil.....St. Louis, Mo.
Kappa Sigma; ASCE.

Hansbrough, Frank S.....Electrical.....Palmyra, Mo.
Independents; AIEE. Transferred from Westminster College,
Hannibal; LaGrange College; Missouri University.

Hanson, Thomas Lauris.....Mechanical.....Joliet, Ill.
Kappa Alpha, President; Honor List; ASME. Transferred from
Joliet Junior College.



Greer, D.
Grothaus

Greer, R.
Guintoli

Greig
Guzzy

Griffin
Hackel

Griffith
Hansbrough

Gross
Hanson



Hargus
Hawker

Harper
Hawkins

Harrawood
Hay

Harris, H.
Heetfield

Harris, W.
Hellman

Hauck
Henson

Senior Class

Hargus, Loren, Jr.....Mechanical.....Kansas City, Mo.
Honor List; ASME. Transferred from Junior College of Kansas City.

Harper, William S.....Chemical.....Chicago, Ill.
Tech Club; APO, Sergeant at Arms; AIChE; Alpha Psi Omega; MSM Players, President. Transferred from Morgan Park Junior College.

Harrawood, Paul.....Civil.....Godfrey, Ill.
Engineers Club; Honor List; ASCE; Varsity Track Squad Award; "M" Club, Treasurer; ROTC Band. Transferred from Park College.

Harris, Henry C.....Chemical.....Pleasant Plains, Ill.
Tau Beta Pi; Honor List; AIChE.

Harris, William M.....Mechanical.....Moberly, Mo.
Honor List; AFS; ASM; BSU Treasurer; Student Assistant Mechanical Department.

Hauck, Charles Andrew.....Ceramics.....Lakewood, Ohio
Honor List; ACS.

Hawker, Gene John.....Metallurgy.....DeKalb, Ill.
Kappa Sigma; AIME; AIChE; AFS; Golf. Transferred from Northern Illinois State Teachers College.

Hawkins, William.....Metallurgy.....Commerce, Mo.
Honor List.

Hay, Horace Edgar.....Mechanical.....Carrollton, Ga.
Honor List; Student Assistant in Registrar's Office. Transferred from West Grange College.

Heetfield, Robert Delmar.....Metallurgy.....St. Louis, Mo.
Tech Club; Honor List; APO; ASM; AFS.

Hellman, Milton Henry.....Electrical.....Kansas City, Mo.
Honor List.

Henson, Gerald Lee.....Civil.....Alton, Ill.
Engineers Club; Honor List; ASCE; Football; Basketball; "M" Club.

Herley, David Francis.....Min.-Pet.....Kansas City, Kans.
Honor List; AIME; Student Assistant Library.

Hession, Vincent Jas., Jr.....Mechanical.....Hackettstown, N. Y.
Theta Xi; Chi Sigma; Football; "M" Club.

Hestetime, Daniel Gene.....Mining.....Richmond Center, Wisc.

Heuer, George Herbert.....Civil.....St. Louis, Mo.
ASCE; ARBA.

Heying, Lewis Martin.....Civil.....Rolla, Mo.

Heyl, Arthur Norman.....Civil.....Rolla, Mo.
Sigma Phi Epsilon; Engineers Club; ASCE; ROTC Sergeant.

Hilburn, Harold M.....Min.-Geol.....Kansas City, Mo.
ASME; Spelunkers Committeeman, Transferred from Junior College of Kansas City.

Hirner, John Anthony.....Electrical.....Monroe City, Mo.
Independents; Junior and Senior Intramural Manager of Independents; Engineers Club. Transferred from Pulner Stockton College of Technology.

Hirschfeld, Dale Eugene.....Mining.....Waterloo, Wisc.
Kappa Alpha. Transferred from Wisconsin Institute of Technology.

Hohlfelder, Eugene Franklin.....Mechanical.....Glencoe, Ill.
Honor List; ASME; Gamma Delta House Clerk.

Holcomb, Lester Wilburn.....Mining.....Sparta, Ill.
Tech Club; AIMME; Football; ROTC.

Holdman, Leslie F.....Electrical.....Bonne Terre, Mo.
Transferred from Flat River Junior College.

Nineteen Fifty-One

Horst, William Edward.....Metallurgy.....Kirkwood, Mo.
Pi Kappa Alpha, Secretary, Treasurer, Alumni Secretary,
Historian, Treasurer, President; Tau Beta Pi; Phi Kappa
Phi Gold Key Award; Honor List; Blue Key, Secretary, Treas-
urer; Theta Tau Freshman Recognition Award; Rollamo;
Student Assistant Metallurgy Department.

Horton, Donald William.....Mechanical.....St. Louis, Mo.
Kappa Sigma Inner Guard; Honor List; ASME; SAME; ROTC,
Second Lieutenant; Rifle Club Varsity Award. Transferred
from Harris Teachers College.

Houghton, Clark Ferguson.....Civil.....St. Louis, Mo.
Theta Xi; ARBA; ASCE; Jackling Terrace Council.

Howes, George Ed.....Min.-Pet.....Rolla, Mo.
Tau Kappa Epsilon.

Hubbard, Jack Leroy.....Civil.....Hannibal, Mo.
Phi Kappa Phi; Honor List; ASCE; ARBA; Chi Epsilon,
Treasurer.

Huey, Don Rappelze.....Electrical.....Fulton, Mo.
Honor List; MSM Rifle Club.

Huff, Wayne Francis.....Mechanical.....St. Louis, Mo.
Honor List; ASME.

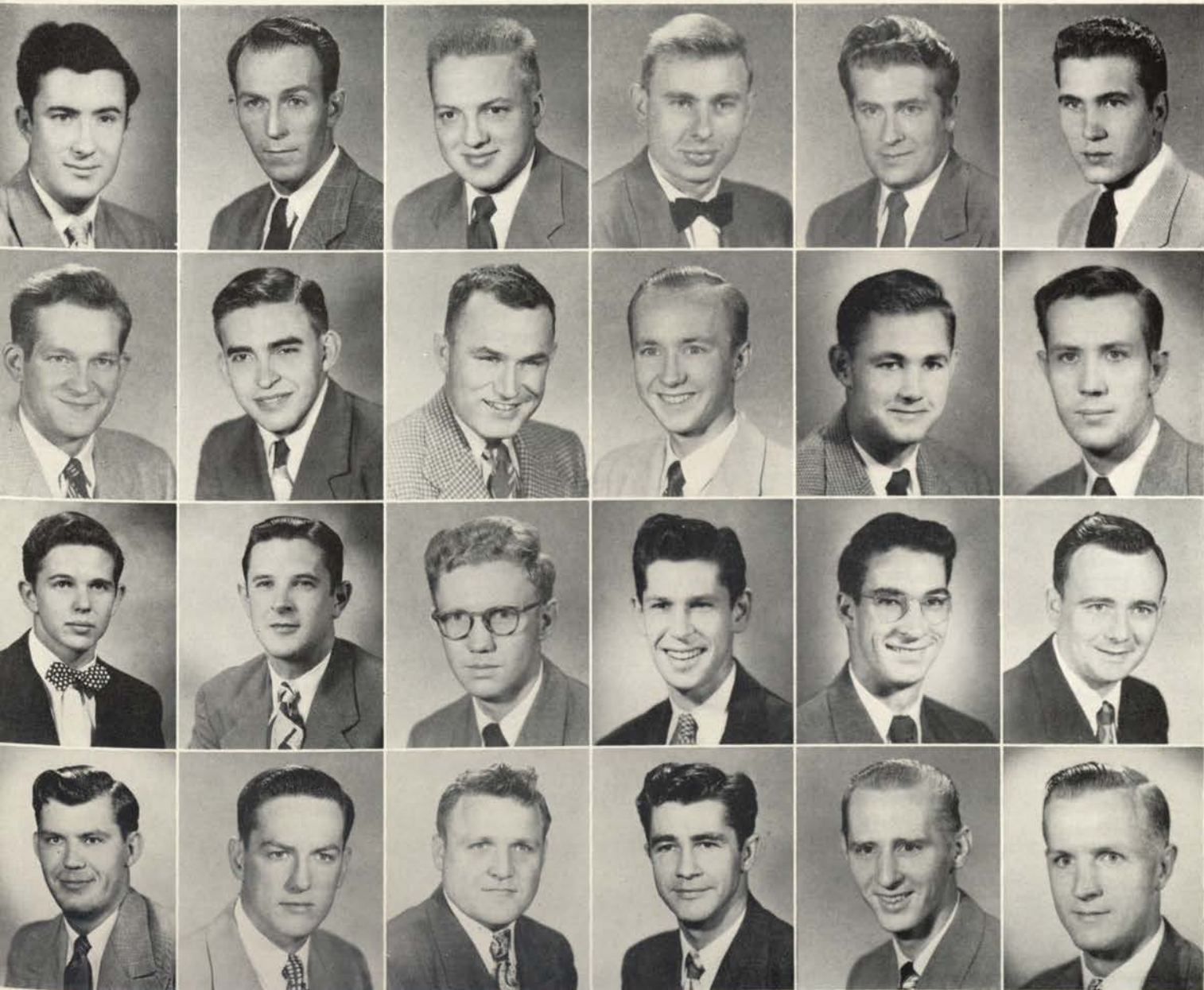
Hughes, Chester Kenneth, Jr.....Civil.....Rolla, Mo.
ASCE; SAME.

Hull, Roger Juan.....Mining.....Whawang, Wisc.
Honor List. Transferred from Wisconsin Institute of Tech-
nology.

Hustad, Philip Emory.....Mining.....Nelson, Wisc.
Transferred from Wisconsin Institute of Technology.

Hutson, Ed. Kenneth.....Metallurgy.....Kansas City, Mo.
ASM. Transferred from Kansas City Junior College.

Hydinger, Paul Luther.....Electrical.....Rolla, Mo.
Honor List.



Herley
Hilburn
Horst
Huff

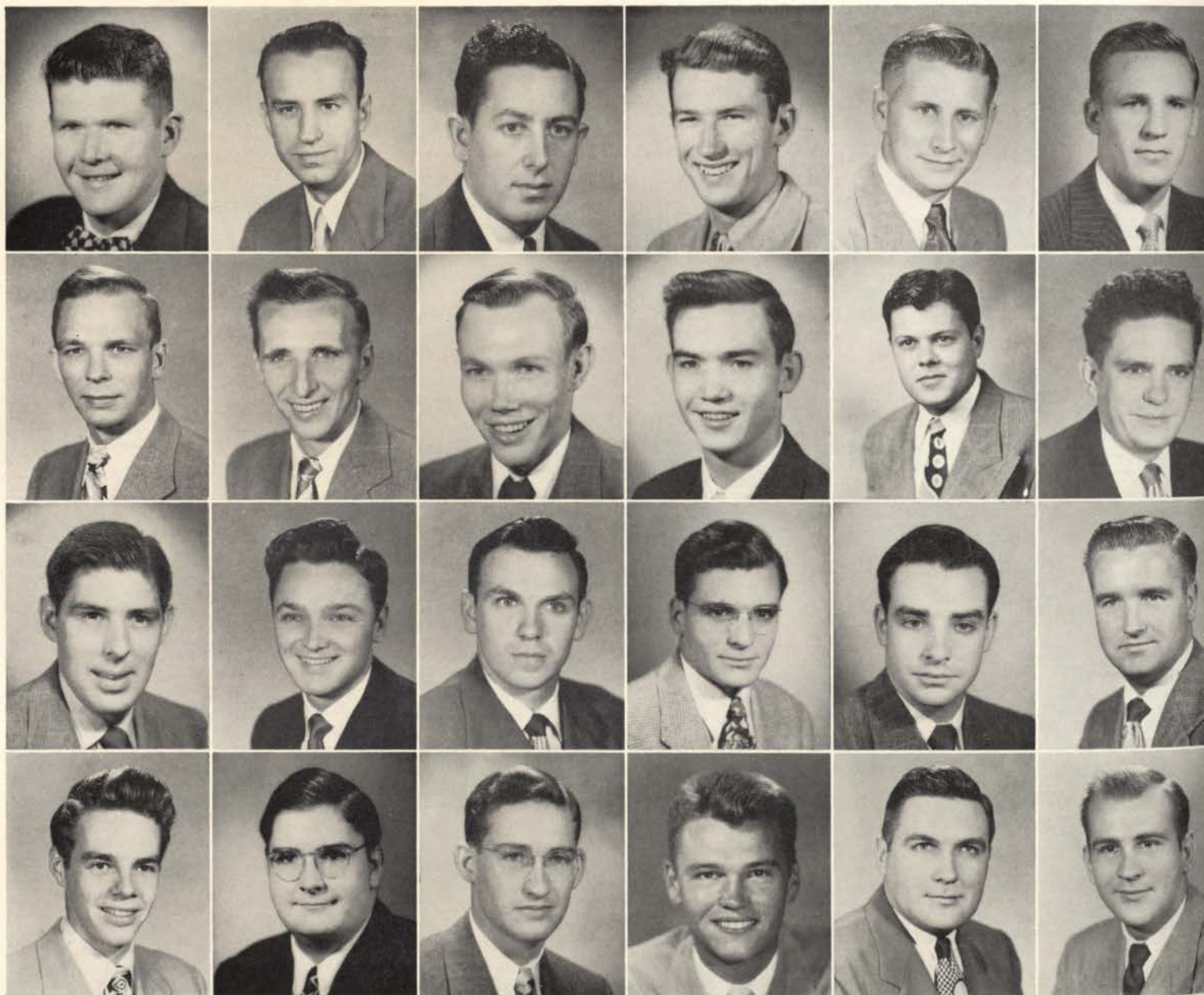
Hession
Hirner
Horton
Houghton
Hughes

Hestetume
Hirschfeld
Houghton
Hull

Heuer
Hohlfelder
Howes
Hubbard
Hustad

Heying
Holcomb
Hubbard
Hutson

Heyl
Holdman
Huey
Hydinger



Irwin
Joachim
Jones, D.
Kesser

Iselin
Johannesmeyer
Jones, R.
Keller, C.

Jackson, E.
Johnson, G.
Jones, W.
Keller, G.

Jackson, W.
Johnson, J.
Justis
Kennedy

Jenson
Johnson, M.
Kaplan
Kildahl

Jerome
Johnston
Kappus
Kimball

Senior Class

Irwin, David McRae.....Mining.....East Cleveland, Ohio
Sigma Phi Epsilon; Honor List; Canterbury Club, President;
Interfaith Council. Transferred from Fenn College.

Iselin, John William.....Chemical.....St. Louis, Mo.
Honor List; AIChE; Alpha Chi Sigma.

Jackson, Earl Edward.....Mining.....Vandalia, Mo.
Tau Beta Pi; Honor List; AIME.

Jackson, Wayne Donald.....Mining.....Ridgewood, N. J.
Tech Club; Honor List; Alpha Phi Omega; AIMME; MSM
Glee Club; MSM Music Club, President; Jackling Terrace
Council.

Jenson, Victor Dean.....Mining.....Belleville, Wisc.
Transferred from Wisconsin Institute of Technology.

Jerome, Gerhard Dawsor.....Electrical.....Dowell, Ill.
Transferred from Southern Illinois University.

Joachim, Ernest G.....Mining-Metal.....Green Bay, Wisc.
Honor List. Transferred from Wisconsin Institute of Tech-
nology.

Johannesmeyer, Herman M.....Civil.....Freeburg, Mo.
Tech Club; ASCE.

Johnson, Gerald A.....Petroleum.....McLeansboro, Ill.

Johnson, Junius Lee.....Chemical.....Kansas City, Mo.
AIChE; ROTC Band.

Johnson, Malcolm George.....Civil.....Albion, N. Y.
ASCE; Hammer Throwers; Canterbury Club.

Johnston, Robert Eugene.....Chemical.....Kansas City, Mo.
Tech Club; AIChE; AFS; Baptist Student Union. Transferred
from Kansas City Junior College.

Jones, Donald E.....Min.-Geol.....Minder, West Va.
BSU, Vice-President. Transferred from Marshall College.

Nineteen Fifty-One

Jones, Richard Lee.....Metallurgy.....Fort Worth, Tex.
Tech Club; Tau Beta Pi; Phi Kappa Phi Book Plate; Honor List; Theta Tau; AIME; AFS; Football Letter; Glee Club. Transferred from Texas Christian University.

Jones, William Richard.....Metallurgy.....East St. Louis, Ill.
Sigma Pi, Intramural Manager; Honor List; ASME; Athletic Club; Wesley Foundation. Transferred from Southern Illinois University.

Justis, Richard F.....Chemical.....St. Louis, Mo.
AICHE; Alpha Chi Sigma; Gamma Delta.

Kaplan, Newton H.....Civil.....Albany, N. Y.
Alpha Epsilon Pi, House Manager, Pledgemaster, Exchequer, President; Honor List; Blue Key; ASCE; MSM Rifle Club; Intercouncil; Editor Transit Chi Epsilon.

Kappus, William A.....Mechanical.....Williston Park, N. Y.
Honor List; ASME. Transferred from Champlain Polytechnic.

Keeser, Harlow Musick.....Chemical.....St. Charles, Mo.
Alpha Chi Sigma; AICHE; Detonators; SAME; Gamma Delta.

Keller, Charles W.....Chemical.....Springfield, Mo.
Tau Beta Pi; Phi Kappa Phi Book Plate; Honor List; Alpha Chi Sigma; AICHE; Glee Club, Secretary; Student Assistant Chemistry Department. Transferred from Southwest Missouri State College.

Keller, Gerald N.....Mining.....Savannah, Mo.
Tech Club; Independents; AIME. Transferred from St. Joseph Junior College.

Kennedy, Harry Eugene, Jr.....Mechanical.....St. Louis, Mo.
Sigma Nu, Recorder Commander; Honor List; Theta Tau; ASME; Football Letter M; "M" Club; President Junior Class; Student Assistant P.E. Department. Transferred from University of Missouri.

Kildahl, Howard Vincent.....Min.-Metal.....Eau Claire, Wisc.
Transferred from Wisconsin Institute of Technology.

Kimball, Charles Thomas.....Electrical.....Gideon, Mo.
Sigma Pi; Football; "M" Club; Canterbury Club. Transferred from University of California.

Kinane, Cyril M.....Mining.....Chicago, Ill.
Transferred from Wisconsin Institute of Technology.

King, Melvin Eugene.....Chemical.....Rosiclare, Ill.
Tau Beta Pi; Honor List; AICHE. Transferred from Kansas State Teachers College.

Kingsborough, Donald George.....Electrical.....Kansas City, Mo.
Radio Club.

Kirkagaciloglu, Ali A.....Civil.....Konya, Turkey
International Fellowship.

Klein, Roger E., Jr.....Electrical.....Kirkwood, Mo.
AIEE.

Kleinkopf, Merlin Dean.....Min.-Geol.....Roseville, Ill.
Tau Beta Phi; Honor List; AIME. Transferred from Monmouth College.

Kline, Charles R.....Electrical.....Centralia, Ill.
Honor List; Phi Kappa Phi; Student Assistant Electrical Department. Transferred from Centralia Junior College.

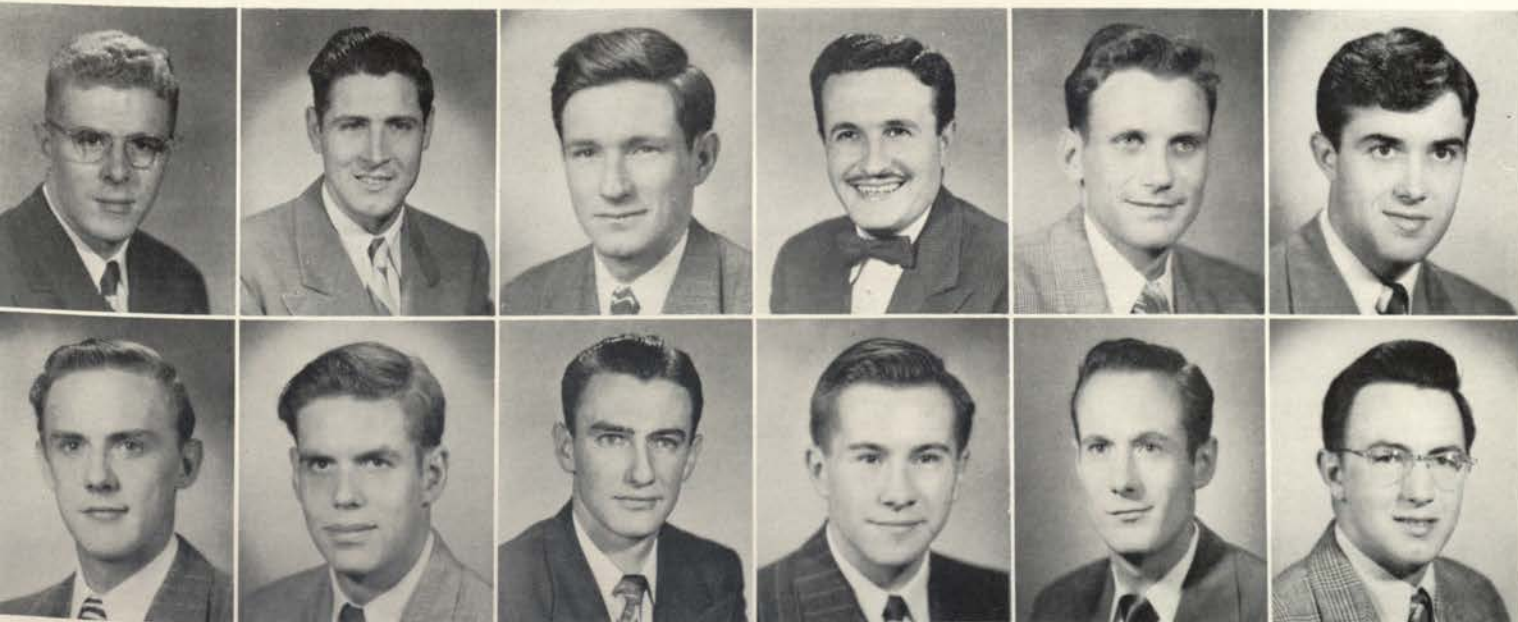
Kline, Raymond M.....Sci.-Physics.....St. Louis, Mo.
Sigma Phi Epsilon, Secretary; Engineers Club; Tau Beta Phi; Sigma Phi Sigma, Treasurer; Honor List; Phi Kappa Phi Book Plate Award; Gold Key; AIEE; Radio Club; Gamma Delta; Physics Ferreters; Student Assistant Physics Department.

Knepper, Andrew Edgar.....Civil.....Pawnee City, Neb.
Tau Beta Phi; Honor List; ASCE; American Road Builders Association; Second Lieutenant; Chi Epsilon; Student Assistant Drawing Department.

Knight, George L.....Metallurgy.....Webster Groves, Mo.
Alpha Phi Omega, Alumni Secretary, Vice-President; ASM; AFS; ROTC Staff Sergeant; Detonators; Wesley Foundation, Vice-President.

Knoebel, Richard Henry.....Mechanical.....West Orange, N. J.
ASME. Transferred from Champlain College.

Kneuppel, Harold Roy.....Mechanical.....Palmyra, Mo.
Honor List; Gamma Delta.



Kinane
Kline, C.

King
Kline, R.

Kingsborough
Knepper

Kirkagaciloglu
Knight

Klein
Knoebel

Kleinkopf
Kneuppel



Koch
Kramer

Koedding
Krause

Koederitz
Krewer

Kolb
Kritzer

Koontz
Krokroskia

Kowalski
Kronmueller

Senior Class

Koch, Jack N.....Ceramics.....Clayton, Mo.
Kappa Sigma, Rush Captain; ACS, President; Glee Club.

Koedding, August Fredrick.....Civil.....St. Louis, Mo.
Honor List; ASCE.

Koederitz, William A.....Petroleum.....St. Louis, Mo.
Tau Kappa Epsilon; Rifle Club Varsity Award.

Kolb, Eugene Fred.....Mechanical.....St. Charles, Mo.
Honor List; Gamma Delta, House Manager, Secretary; Interfaith Council.

Koontz, Rollin H.....Sci.-Physics.....Hillsboro, Ill.
Tau Beta Pi; Phi Kappa Phi; Gold Key Award; Honor List; Phi Kappa Phi Book Plate; Radio Club, Station Manager, Trustee, President; Sigma Phi Sigma, Vice-President; Physics Ferreters.

Kowalski, Thomas A.....Chemical.....Richmond Hgts., Mo.

Kramer, Frank Allan.....Civil.....Wichita, Kans.
Honor List; ASCE; American Road Builders Association. Transferred from Wichita.

Krause, Louis E., Jr.....Mechanical.....Granville, N. Y.
ASME; Canterbury Club.

Krewer, Gaillard D.....Mining.....Valmeyer, Ill.
Glee Club. Transferred from Southern Illinois University.

Kritzer, Herbert E.....Electrical.....Fulton, Mo.
Transferred from Westminster College.

Kronmueller, Robert Louis.....Mechanical.....St. Louis, Mo.
Tech Club; Honor List; ASME; Student Assistant Mechanical Department.

Krokroskia, Edwin Jack.....Mining.....Rolla, Mo.
Tau Beta Phi; Honor List. Transferred from Northeast Oklahoma A. & M.

Kwadas, Edward James.....Mechanical.....Chicago, Ill.
Sigma Pi, Fourth Counselor; Honor List; Blue Key; Theta Tau; "M" Club; Football; Student Assistant Athletic Department.

Lackey, Dale Franklin.....Electrical.....Morley, Mo.
Engineers Club; Honor List.

Ladd, Richard W.....Chemical.....White Plains, N. Y.
ACS; AICHe.

Laible, Donald Summer.....Electrical.....Boston, Mass.
Lambda Chi Alpha Assistant Treasurer; Rifle Club; Photo Club. Transferred from Bradley Tech.

Lancaster, Edgar Merritt.....Civil.....Jefferson City, Mo.
MSPE; ASCE. Transferred from Jefferson City Junior College.

Lange, Clarence A., Jr.....Civil.....St. Louis, Mo.
Chi Epsilon; ASCE; SAME; Student Assistant Drawing Department.

Langenbach, Jack Earl.....Mechanical.....Arnold, Mo.
Tau Kappa Epsilon; Honor List; ASME.

Larson, Harvey Lewis.....Mining.....Pardeeville, Wisc.

Larson, Eugene Paul.....Mechanical.....Kansas City, Mo.
ASME; Jackling Terrace Council.

Latin, Judson M.....Ceramics.....Waukegan, Ill.
Honor List; ACS; Canterbury Club, Vice-President, President; Interfaith Council.

Lehmann, Charles F.....Petroleum.....Lynbrook, N. Y.
Tau Kappa Epsilon; Tau Beta Pi; Honor List; AIME. Transferred from Clarkson College of Technology.

Lesniak, Louis P.....Civil.....Sheboygan, Wisc.
ASCE.

Nineteen Fifty-One

Light, Eugene E.....Electrical.....Rolla, Mo.
NYA; AIEE.

Lillbridge, Robin.....Civil.....Granite City, Ill.
ASCE; Rifle Club.

Linkogle, Fred Earl, Jr.....Mechanical.....Alton, Ill.
APO, Corresponding Secretary; ASME. Transferred from
Shurtleff College.

Linneman, Joseph Francis.....Civil.....Ramsey, N. J.
Lambda Chi Alpha; APO; ASME; ASCE; Glee Club.

Llewellyn, Henry Dearing.....Civil.....Brookfield, Mo.
Honor List; ASCE; MSPE. Transferred from Park College.

Longerich, Ernest Peter.....Electrical.....Mahwak, N. J.
Tech Club; Honor List; AIEE, Vice Chairman; Student Assist-
ant Electrical Department.

Lynch, John Francis.....Ceramics.....Richmond Hill, N. Y.
Sigma Phi Epsilon, Vice-President; ACS; Rollamo Board.

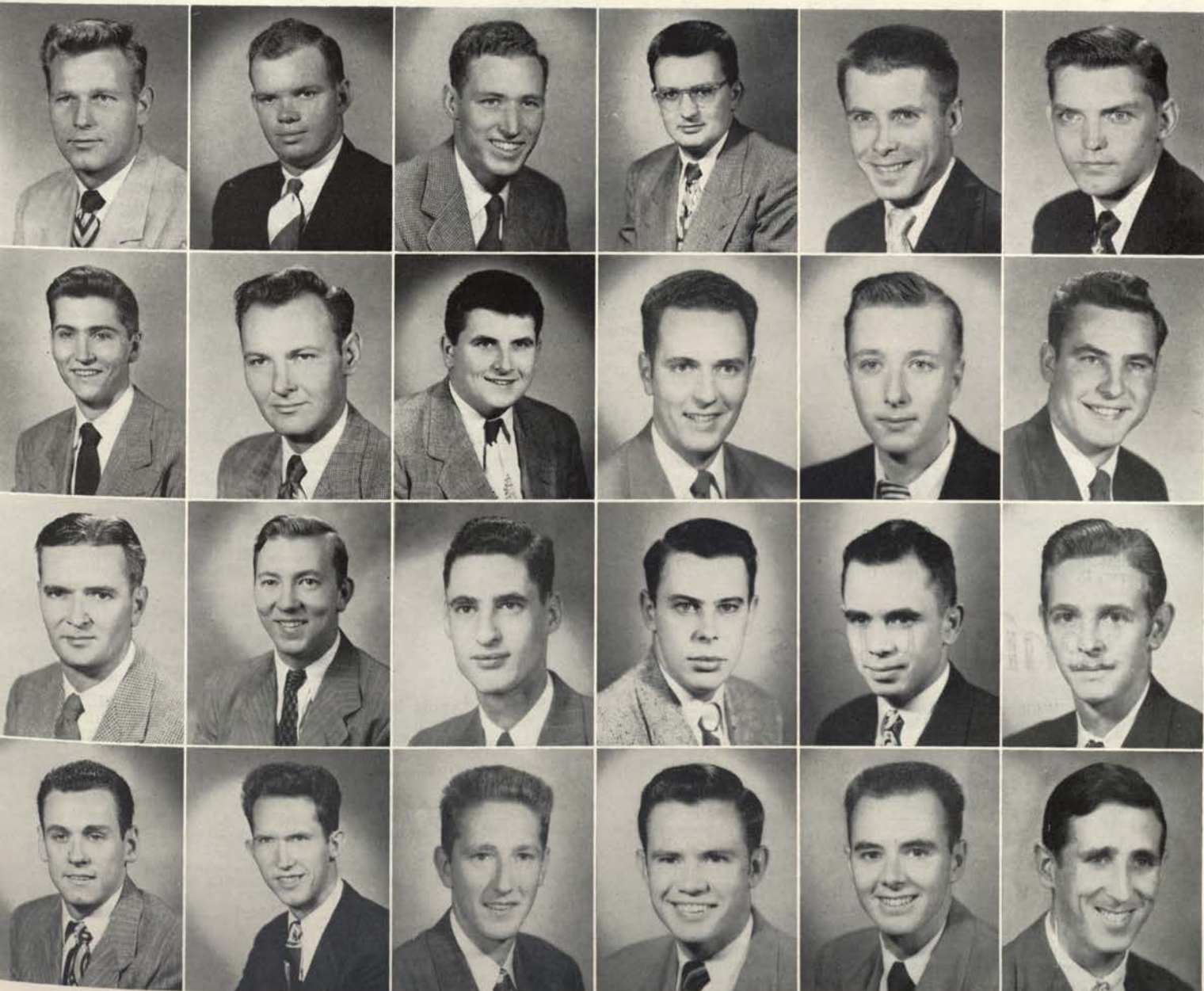
McClard, Truman Eugene.....Min.-Pet.....Cape Girardeau, Mo.
AIME; Miner Board.

McCormack, Donald C.....Chemical.....St. Louis, Mo.
Sigma Nu; Honor List; Phi Kappa Phi Book Plate Award;
Miner Board Key; AIChE; Canterbury Club; Miner Board
Advertising Staff, Business Manager.

McDaniel, Hulton Dale.....Civil.....Overland, Mo.
Sigma Pi, President; Theta Tau Freshman Award; ASCE;
Miner Board; Wesley Foundation; Interfraternity Council,
Vice-President.

McEvelly, William George.....Min.-Geol.....Newburgh, N. Y.
Theta Xi; Honor List; Alpha Phi Omega; Chi Sigma; Miner
Board.

McIntyre, Albert Bruce.....Civil.....Philadelphia, Pa.



Kwadas
Langenbach
Light
Lynch

Lackey
Larson, H.
Lillbridge
McClard

Ladd
Larson, E.
Linkogle
McCormack

Laible
Lattin
Linneman
McDaniel

Lancaster
Lehmann
Llewellyn
McEvelly

Lange
Lesniak
Longerich
McIntyre



McKee
Maltzahn
Matthews
Meyer, D.

McLuckie
Mann
Maurer
Meyer, J.

MacDonald
Mansfield
Mayday
Miles

MacMaster
Martin
Means
Miller

Madelung
Mason
Meiners
Minnick

Mallon
Matson
Mellott
Mitchell

Senior Class

McKee, William Dean, Jr.....Ceramics.....Rolla, Mo.
Honor List; Tau Beta Phi; ACS; Student Assistant Ceramics
Department.

McLuckie, Walter Leroy.....Civil.....Coal City, Ill.
Tau Kappa Epsilon; ASCE.

MacDonald, John Boyd.....Metallurgy.....Roselle, N. J.

MacMaster, Edward.....Mechanical.....Paterson, N. J.
Tech Club, Board of Control.

Madelung, William E.....Electrical.....Milford, Conn.
Canterbury Club. Transferred from Junior College of Con-
necticut.

Mallon, Richard G.....Electrical.....St. Louis, Mo.
Engineers Club, Board of Control; Tau Beta Phi; Phi Kappa
Phi; Honor List; Phi Kappa Phi Book Plate Award; Gold
Key Award; A. P. Green Scholarship; Theta Tau; AIEE;
Student Council, Vice-President; Gamma Delta; Physics Fer-
reters; Speelunkers Club.

Maltzahn, Donald Wm.....Min.-Geol.....Kenmore, N. Y.
Tau Beta Pi; Silver Key Award; Honor List; AIME; Varsity
Swimming Letter; Tech Club; "M" Club.

Mann, John H.....Electrical.....Rolla, Mo.

Mansfield, Richard E.....Mechanical.....Springfield, Ill.
Kappa Alpha; ASME, Treasurer; Rifle Club; Student Assist-
ant Civil Department and Physics Department.

Martin, Robert D.....Min.-Geol.....Greenville, Ill.
Varsity Golf. Transferred from Greenville College.

Mason, Woodrow Hale.....Electrical.....St. Louis, Mo.
Transferred from University of Missouri.

Matson, Don Dean.....Min.-Geol.....St. Louis, Mo.
Sigma Phi Epsilon, Chaplain; Football; Student Assistant.

Matthews, Lyle E.....Mechanical.....Nebo, Mo.
ASME; Honor List.

Nineteen Fifty-One

Maurer, John Elmer.....Chemical.....St. Louis, Mo.
Theta Kappa Phi; Honor List; Alpha Chi Sigma, Master Al-
chemist; Blue Key; AIChE, MSPE Representative; "B" Foot-
ball; Rollamo Board, Associate Editor, Editor-in-Chief.

Mayday, Donald S.....Mining.....Buffalo, N. Y.
AIME; Tech Club; Jackling Terrace Council.

Means, Robert Thomas.....Mining.....St. Louis, Mo.
Sigma Nu.

Meiners, Don A.....Mechanical.....St. Louis, Mo.
Theta Kappa Phi, Treasurer. President; Theta Tau; AFS.

Mellott, Robert Neal.....Electrical.....St. Louis, Mo.

Meyer, Daniel.....Civil.....St. Louis, Mo.
ASCE.

Meyer, Jean Lawrence.....Mechanical.....Union, Mo.
Engineers Club; ASME.

Miles, Roy Gene.....Sci.-Geol.....Essex, Mo.
Theta Xi; Chi Sigma; Tech Club, Board of Control; Honor
List; AIChE; AIMME; Esperanto; Wesley Foundation; Stu-
dent Assistant Geology Department.

Miller, George D.....Electrical.....Rolla, Mo.
Radio Club.

Minnick, Charles James.....Mechanical.....Hannibal, Mo.
Tech Club; Tau Beta Pi; Honor List; ASME.

Mitchell, George Donald.....Mechanical.....St. Louis, Mo.
ASME.

Montgomery, Donald D.....Mechanical.....St. Louis, Mo.
Pi Kappa Alpha, Assistant House Manager, House Manager;
ASME Vice-President; Football; SAME Vice-President; Inter-
fraternity Council Secretary-Treasurer; Missouri Academy of
Science.

Moor, Julius Henry.....Mining.....Rolla, Mo.

Morris, Robert Joseph.....Metallurgy.....St. Louis, Mo.
Lambda Chi Alpha, Vice-President, President; Tau Beta Pi;
Theta Tau; Honor List; Blue Key; AIME; American Foundry-
men's Association; ASM; St. Pat's Board.

Moscari, John.....Mechanical.....Rahway, N. J.
Theta Xi; ASME; Football; "M" Club; Student Council;
Chi Sigma.

Moser, Clarence J.....Metallurgy.....Brunswick, Mo.
Kappa Alpha; Detonators; Pershing Rifles; Interfraternity
Council Vice-President; Miner Board; Student Assistant
Library.

Motta, Frank Dominic.....Electrical.....Gardner, Ill.
Lambda Chi Alpha; Honor List; Student Council, Vice-
President.

Moy, Harry.....Civil.....New York, N. Y.
Honor List; ASCE; Photo Club; Gamma Delta; American
Road Builders Association; Student Assistant Civil Depart-
ment.

Mullersman, Ferdinand.....Electrical.....Flat River, Mo.
Phi Kappa Phi; Tau Beta Pi; Honor List; Phi Kappa Phi
Book Plate; Glee Club.

Murray, Richard William.....Electrical.....St. Louis, Mo.
Engineers Club; Wesley Foundation.

Mylinski, Frank John.....Mining.....Perth Amboy, N. J.
Honor List.

Napp, Groden E.....Mining.....Fennimore, Wisc.
AIMME. Transferred from Wisconsin Institute of Technology.

Neely, John Robert.....Ceramics.....Springfield, Mo.
Engineers Club; ACS; Keramos Treasurer; Gamma Delta.



Montgomery
Moy

Moor
Mullersman

Morris
Murray

Moscari
Myslinski

Moser
Napp

Motta
Neely



Nelson
O'Connell

Newkirk
Otto

Niemczura
Oldenburg

Niemeier
Oldham

Norton
Olson

Norwood
Osetek

Senior Class

Nelson, Donald Alexander.....Civil.....Rolla, Mo.

Newkirk, Thomas Francis.....Min.-Geol.....Harrison, N. Y.
Sigma Phi Epsilon; Honor List; AIME; Canterbury Club;
Rollamo Board. Transferred from St. Lawrence University.

Niemeier, Herman Richard.....Civil.....Cape Girardeau, Mo.
APO; ASCE.

Niemczura, Stanley Walter.....Ceramics.....Thorndike, Mass.
Sigma Phi Epsilon; Tau Beta Pi; Honor List; Keramos Vice-
President; AICHE; ACS Treasurer; Rollamo; Miner Board
Business and Advertising Staff.

Norton, Marion John.....Civil.....Hartford, Ill.
Engineers Club; ASCE; MSPE, Vice-President; Gamma Delta.

Norwood, Donald D.....Chemical.....Lamar, Mo.
Sigma Nu; Tau Beta Pi; Phi Kappa Phi; Honor List; Gold
Key Award; Phi Kappa Phi Book Plate Award; Alpha Chi
Sigma; AICHE, Treasurer; Student Assistant Chemical De-
partment.

O'Connell, William R.....Min.-Geol.....Decatur, Ill.
Engineers Club Board of Control; Fencing Club; Jackling
Terrace Council. Transferred from Millikin University.

Otto, Richard Kerman.....Mining.....Lead, S. Dak.
MSPE; AIME; Alpha Phi Omega. Transferred from South
Dakota School of Mines.

Oldenburg, Theodore John.....Mining.....St. Louis, Mo.
Theta Kappa Phi; Honor List.

Oldham, William Roy.....Civil.....Cape Girardeau, Mo.
Independents; Honor List; ASCE; Wesley Foundation.

Olson, Howard Arvin.....Min.-Geol.....Postville, Ia.
AIME; MSM Rifle Club; Student Assistant Civil Department;
U. S. Naval Reserve Research Unit.

Osetek, Edward Stephen.....Mining.....Garfield, N. J.
Theta Xi; Alpha Chi Sigma; AIME.

Ott, Ross Varner.....Ceramics.....Quincy, Ill.
Phi Kappa Phi; Tau Beta Pi, Treasurer; Honor List; Phi
Kappa Phi Book Plate; Blue Key; ACE; Keramos, President;
Miner Business and Advertising Staff. Transferred from
Knox College.

Oudenhoven, Martin Samuel.....Mining.....Pewaukee, Wisc.

Owens, Frank Wood.....Metallurgy.....Alton, Ill.
Transferred from Shurtleff College.

Packheiser, Elmer D.....Mechanical.....Vichy, Mo.
Honor List; ASME.

Palmer, James H.....Metallurgy.....St. Louis, Mo.
Honor List; AIME; ASM; MSM Rifle Club.

Parrish, David D.....Civil.....Walnut Grove, Mo.
Tau Beta Phi; Phi Kappa Phi; Chi Epsilon; Honor List;
ASCE, Vice-President; ARBA.

Patel, Ravindra C.....Electrical.....Bombay, India
Honor List; Photo Club; International Fellowship Secretary.
Transferred from University of Bombay.

Pearson, Walter Orr.....Civil.....Granite City, Ill.
Sigma Pi, Second Counselor; ASCE; Student Council, Presi-
dent; Student Assistant Library.

Pender, Paul S.....Mechanical.....Dayton, Ohio
Tech Club; Independents; Canterbury Club; MSPE. Trans-
ferred from University of Cincinnati.

Perry, Bobbie L.....Min.-Geol.....West Frankfort, Ill.
Blue Key President; AIME; Basketball Team; Student Assis-
tant Physical Education Department.

Perryman, Joseph E., Jr.....Mechanical.....Assumption, Ill.
Tech Club; ASME.

Peterson, Forest Robert.....Civil.....Chillicothe, Mo.
Tech Club; Tau Beta Pi; Honor List; Chi Epsilon; ASCE;
Gold Key Award, Plate Award.

Nineteen Fifty-One

Peterson, Warren M.....Mining.....Pittsburg, Kans.
Honor List. Transferred from Kansas State Teachers College.

Petty, William G.....Chemical.....St. Louis, Mo.
Student Assistant Chemical Department.

Phelps, Arthur L.....Electrical.....Rolla, Mo.
Honor List.

Phelps, Richard Clayton.....Chemical.....Rolla, Mo.
Alpha Chi Sigma; Independents; Tau Beta Pi; Honor List;
AIChE; Student Assistant. Transferred from New York Agri-
cultural and Technology Institute.

Phillips, Robert William.....Chemical.....Kansas City, Mo.
Alpha Chi Sigma. Transferred from Kansas City Junior
College.

Pigott, Phillip Gordon.....Ceramics.....Jacksonville, Fla.
Honor List; ACS.

Plater, J. Bryden.....Mechanical.....Robinson, Ill.
ASME. Transferred from Southern Illinois University.

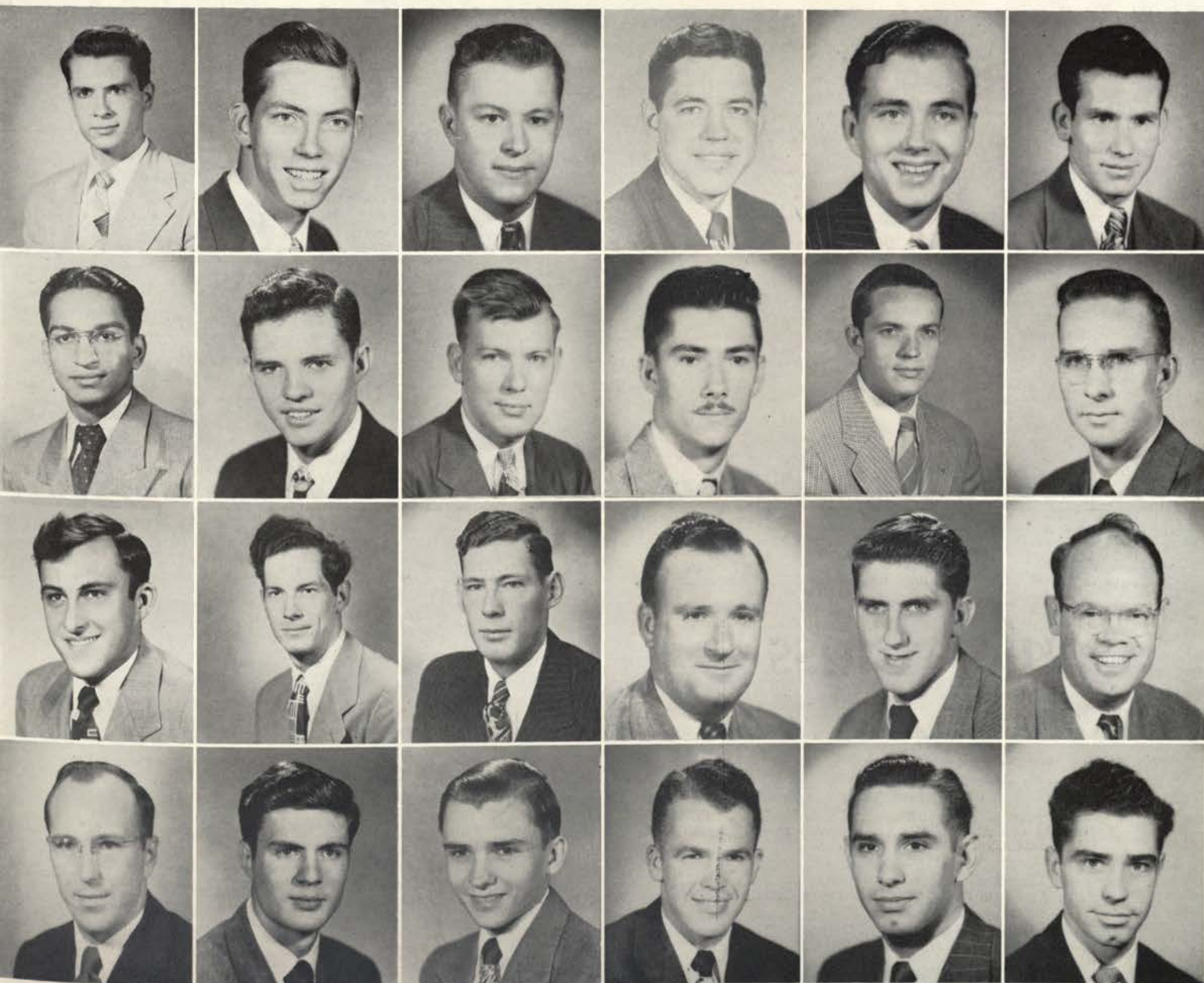
Plummer, William Bryan.....Mechanical.....St. Louis, Mo.
Lambda Chi Alpha, Treasurer, Vice-President; Tau Beta Pi;
Honor List; Silver Key Award; President Sophomore Class.

Poschel, Joseph E.....Electrical.....Springfield, Mo.
Engineers Club.

Powell, Joe R.....Electrical.....Eldon, Mo.
Pi Kappa Alpha, Intramural Manager; Theta Tau; Basket-
ball; "M" Club; ROTC Band; Rollamo Board Key; Theta Tau
Freshman Recognition Award.

Proctor, Robert Lee.....Mechanical.....Zeigler, Ill.
Sigma Phi Epsilon; ASME; Football "M".

Quick, John Ray.....Electrical.....Normandy, Mo.
Honor List; Radio Club, Secretary, Treasurer, Vice-President;
Student Assistant Electrical Department.



Ott
Patel
Peterson, W.
Plater

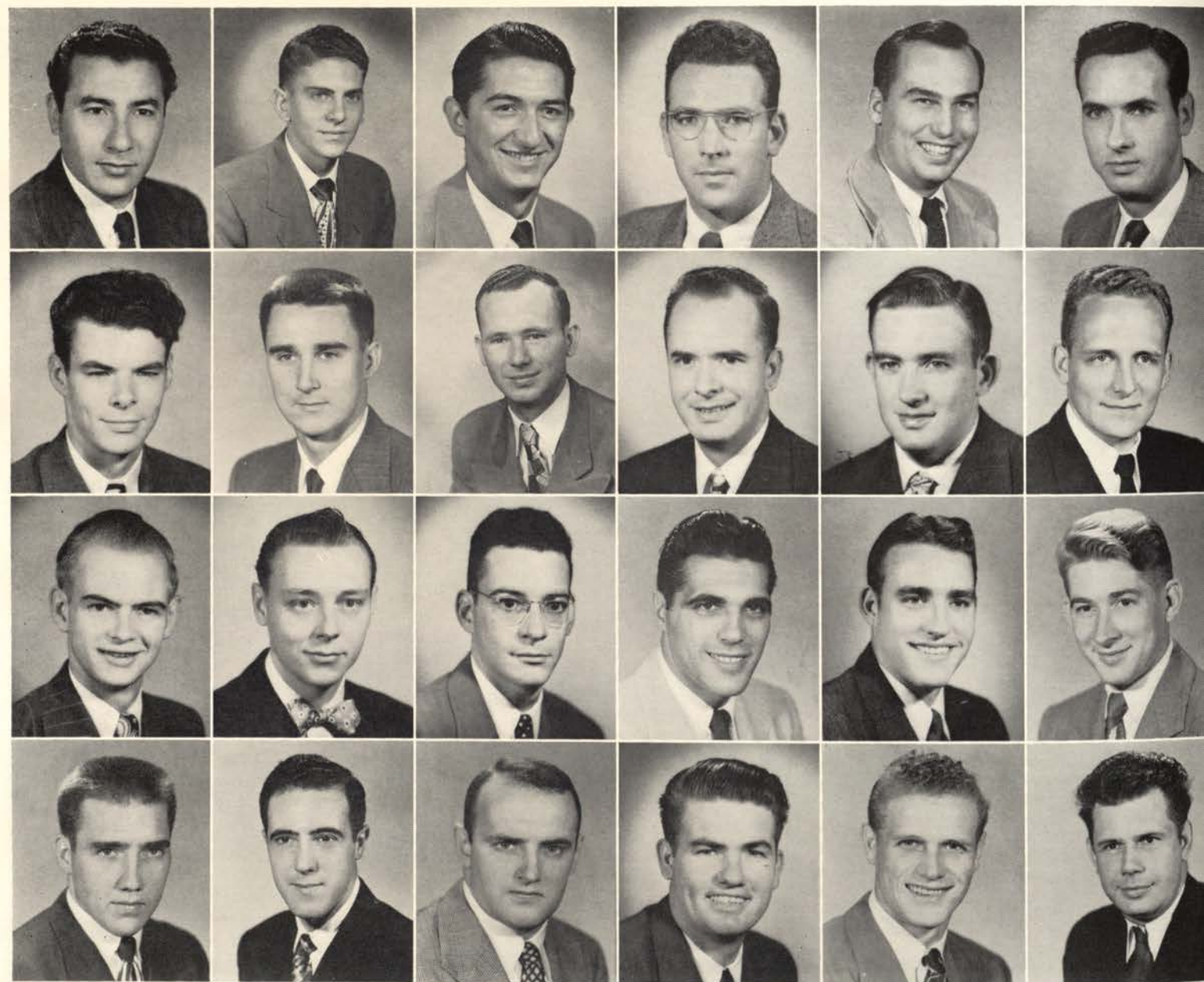
Oudenhoven
Pearson
Petty
Plummer

Owens
Pender
Phelps, A.
Poschel

Packheiser
Perry
Phelps, R.
Powell

Palmer
Perryman
Phillips
Proctor

Parrish
Peterson, F.
Pigott
Quick



Raffone
Reger
Rieder
Roberts

Ramey
Rehm
Riedinger
Robotti

Ramirez
Resnick
Rigdon
Roerman

Ramsay
Rhodes
Riviello
Roetzel

Ramstack
Rice
Roach
Rogers

Ratliff
Rieder
Rober
Roller, J.

Senior Class

Raffone, John J.....Electrical.....Hoboken, N. J.
Honor List; Jackling Terrace Council.

Ramey, Robert Donald.....Mechanical.....Alton, Ill.
Engineers Club; Honor List; ASME.

Ramirez, Jaime.....Ceramics.....Bogota, Colombia, S. A.
Lambda Chi Alpha; ACS. Transferred from University Na-
tional de Colombia.

Ramsay, Glendon Jack.....Metallurgy.....Rochester, N. Y.
ASM; American Foundrymen's Society; Canterbury Club.

Ramstack, Rudolph Jacob, Jr.....Mining.....Milwaukee, Wisc.
Honor List. Transferred from Wisconsin Institute of Tech-
nology.

Ratliff, Harold C.....Mining.....Pearly, Va.
Honor List; Jackling Terrace Council; AIME. Transferred
from Lynchburg College and Milligan College.

Reger, James W., Jr.....Ceramics.....Rolla, Mo.
BSU, Song Leader.

Rehm, William Arthur.....Sci.-Geol.....River Forest, Ill.
Letter in Track; MSM News Staff, Miner; Student Assistant
Geology Department.

Resnick, Anthony Victor.....Mining.....Poplar Bluff, Mo.
Honor List.

Rhodes, Chester David.....Chemical.....Rolla, Mo.
Student Assistant Registrar Office.

Rice, Charles A.....Chemical.....Kansas City, Mo.
Lambda Chi Alpha; AICHE; Honor List; Alpha Chi Sigma;
Glee Club; ROTC Band.

Rieder, Charles Milford.....Min.-Geol.....Rolla, Mo.
Honor List; ROTC Second Lieutenant. Transferred from Knox
College.

Nineteen Fifty-One

Rieder, Robert Jewett.....Electrical.....St. Louis, Mo.
Kappa Alpha, Historian; Honor List; Theta Tau Recognition Award; AIEE.

Riedinger, Walter Baldwin, Jr.....Electrical.....St. Louis, Mo.
Triangle, House Manager; Honor List.

Rigdon, James D.....Mechanical.....Festus, Mo.
Honor List; ASME.

Riviello, Sal.....Mechanical.....Brooklyn, N. Y.
Tau Kappa Epsilon, Sergeant at Arms; ASME; St. Pat's Board.

Roach, Warren D.....Civil.....Newburg, Mo.
Pi Kappa Alpha; ASCE; "M" Club; Track.

Robert, Donald Lawrence.....Mechanical.....Webster Groves, Mo.
Theta Xi; Honor List; ASME; MSPE.

Roberts, James Galen.....Electrical.....Paragould, Ark.
Transferred from Arkansas College.

Robotti, Richard R.....Electrical.....Long Island City, N. Y.
Lambda Chi Alpha; Phi Kappa Phi Book Plate Award; Tau Beta Pi; Honor List; Silver Key Award; MSPE, Secretary.

Roemerman, Richard Joe.....Electrical.....St. Louis, Mo.
Sigma Phi Epsilon, Chaplain, President; Honor List; Theta Tau, Marshal; Football; "M" Club; Student Council; Student Assistant P.E. Department.

Roetzal, J. D.....Civil.....Rolla, Mo.
Honor List.

Rogers, Virgil Lester.....Ceramics.....Flagler, Colo.
Honor List; ACS.

Roller, Joe Clayton.....Min.-Pet.....Pulaski, Tenn.
Honor List.

Roller, Ray F.....Min.-Geol.....Rolla, Mo.
AIME.

Roloff, Don V.....Ceramics.....Kirkwood, Mo.
Lambda Chi Alpha; ACS; Rollamo. Transferred from St. Louis University.

Romo, Ray Albert.....Mechanical.....Overland, Mo.
Tau Kappa Epsilon, Sergeant at Arms; SAME; ASME; Interfraternity Council; Vice-President of Sophomore Class.

Roschke, E. John.....Mechanical.....St. Louis, Mo.
Honor List; Engineers Club; Independents; MSPE, Vice-President, President; ASME; Gamma Delta. Transferred from Harris Teachers College.

Ross, Leroy E., Jr.....Civil.....Alliance, Neb.
Honor List; Phi Kappa Phi Book Plate Award; Tau Beta Pi; Chi Epsilon; ASCE. Transferred from Massachusetts Institute of Technology.

Ruckel, Ralph E.....Civil.....Chicago, Ill.
Kappa Sigma; ASCE. Transferred from Monmouth College.

Ruhl, Wiley T.....Electrical.....Springfield, Mo.
Alpha Phi Omega; Honor List; ROTC Band. Transferred from Southwest Missouri State College.

Rushton, William E.....Chemical.....Chicago, Ill.
Honor List; Alpha Phi Omega. Transferred from Morgan Park Junior College.

Rust, Martin Frederick.....Electrical.....Poplar Bluff, Mo.
Honor List; BSU.

Sabo, Eugene L.....Civil.....Rolla, Mo.
ASCE. Transferred from Hannibal La Grange.

Sabo, Virginia F.....Civil.....Rolla, Mo.
Chi Epsilon; Honor List; Silver Key Award; ASCE. Transferred from Pasadena Junior College.

Sale, Jack Raymond.....Civil.....St. Louis, Mo.
Honor List.



Roller, R.
Ruhl

Roloff
Rushton

Romo
Rust

Roschke
Sabo, E.

Ross
Sabo, V.

Ruckel
Sale



Salisbury
Schmidt, D.

Salmas
Schmidt, M.

Schaefer
Schmidt, R.

Schafer
Schmidt, V.

Scheffler
Schneider

Schlosser
Schrader

Senior Class

Salisbury, Thomas Richard.....Min.-Geol.....Rolla, Mo.
Pi Kappa Alpha, Corresponding Secretary; Honor List; AIME;
Miner Board, Sports Editor.

Salmas, James.....Metallurgy.....Haverhill, Mass.

Schaefer, Louis A.....Civil.....St. Joseph, Mo.
Engineers Club; ASCE.

Schafer, Donald Olai.....Chemical.....Greenport, N. Y.
Alpha Chi Sigma; AICHe; Wesley Foundation.

Scheffler, Tom Logan.....Mechanical.....Riverton, Ill.
Independents; ASME; Student Council, Treasurer.

Schlosser, Joseph Gerald.....Mining.....Milwaukee, Wisc.
Transferred from Wisconsin Institute of Technology.

Schmidt, Donald William.....Mining.....Arlington, Neb.
Glee Club; Gamma Delta.

Schmidt, Milton Ealt.....Mining.....Gillespie, Ill.
Engineers Club; Basketball "B" Team.

Schmidt, Russel Louis.....Electrical.....St. Louis, Mo.

Schmidt, Vernon E. P.....Electrical.....St. Louis, Mo.
AIEE; Wesley Foundation, Secretary-Treasurer; Interfaith
Council.

Schneider, Donald Owen.....Chemical.....St. Louis, Mo.
Gamma Delta. Transferred from Harris Teachers College.

Schrader, E. Donald.....Chemical.....St. Louis, Mo.
Triangle; Alpha Chi Sigma; Honor List; AICHe; SAME.

Schuchardt, Robert Earl.....Metallurgy.....St. Louis, Mo.
Pi Kappa Alpha, Vice-President; Theta Tau, Secretary; Honor
List; Blue Key, President; Varsity Award; AFS; ASM; AIME;
St. Pat's Board.

Schwaig, Robert H.....Chemical.....St. Louis, Mo.
Independents; Tech Club; Alpha Chi Sigma; Honor List; Phi
Kappa Phi Book Plate; AICHe; Student Council; St. Pat's
Board; Treasurer of Junior Class. Transferred from Wash-
ington University and St. Louis University.

Schweizer, Charles T.....Civil.....Brentwood, Mo.
ASCE.

Seay, Edward Allen.....Electrical.....Independence, Mo.
Tech Club; Glee Club; Baptist Student Union.

Segelhorst, Raymond.....Electrical.....Beaufort, Mo.
Honor List.

Seip, Robert Hyndman, Jr.....Min.-Geol.....Franklin, N. J.
Theta Xi; AIMME. Transferred from Rensselaer Polytech
Institute.

Sharp, Emerson Edgar.....Min.-Pet.....Lebanon, Mo.
Transferred from Trinidad State College.

Shaw, Samuel III.....Min.-Pet.....Whitinsville, Mass.
Kappa Sigma; Tau Beta Pi; Theta Tau; Blue Key; Honor
List; Gold Key Award; Phi Kappa Phi Book Award; AIME;
AIMME; Fencing Club; MSM Glee Club; Miner Board, Cir-
culation Staff.

Sheeley, Henry Arthur.....Electrical.....Warrenton, Mo.
Sigma Pi; Honor List.

Shepard, William M.....Min.-Geol.....Upper Montclair, N. J.
Sigma Pi Epsilon; Theta Tau; Honor List; Denver Equipment
Co. Award; Blue Key; AIMME; C. L. Drake Geological
Senior.

Shields, Robert William....Mechanical....Webster Groves, Mo.
Tau Kappa Epsilon.

Shopher, Sterling Dean.....Ceramics.....East St. Louis, Ill.
Student Council, President; Miner News Staff, Managing
Editor.

Short, Wallace Walter.....Chemical.....Kirkwood, Mo.
Triangle; Tau Beta Pi; Blue Key; Honor List; Gold Key
Award; Phi Kappa Phi Book Award; AICHe; Track; MSM
Players; Rollamo.

Nineteen Fifty-One

Shilaw, Walter Allen.....Min.-Pet.....Lawrenceville, Ill.
Transferred from Missouri Valley College and Rice Institute.

Sieh, Clayton John.....Mining.....Hayward, Wisc.
Honor List. Transferred from Wisconsin Institute of Technology.

Sigurdson, Elden Arlo.....Petroleum.....Baletton, Minn.
Honor List; AIME Petroleum Division.

Silver, Milton Myer.....Chemical.....St. Louis, Mo.
Honor List; Tech Club; AICHe; Photo Club.

Slankard, Robert C.....Civil.....Campbell, Mo.
Independents; Tech Club Board of Control; Theta Tau; Tau Beta Pi; Honor List; Blue Key, Vice-President; ASCE; American Road Builders Association, Treasurer, President; Varsity Track Award; Glee Club; BSU.

Slover, Edwin Eugene.....Chemical.....Ely, Nev.
Tech Club; Independents; AICHe; Photo Club; Spelunkers; ROTC; International Fellowship.

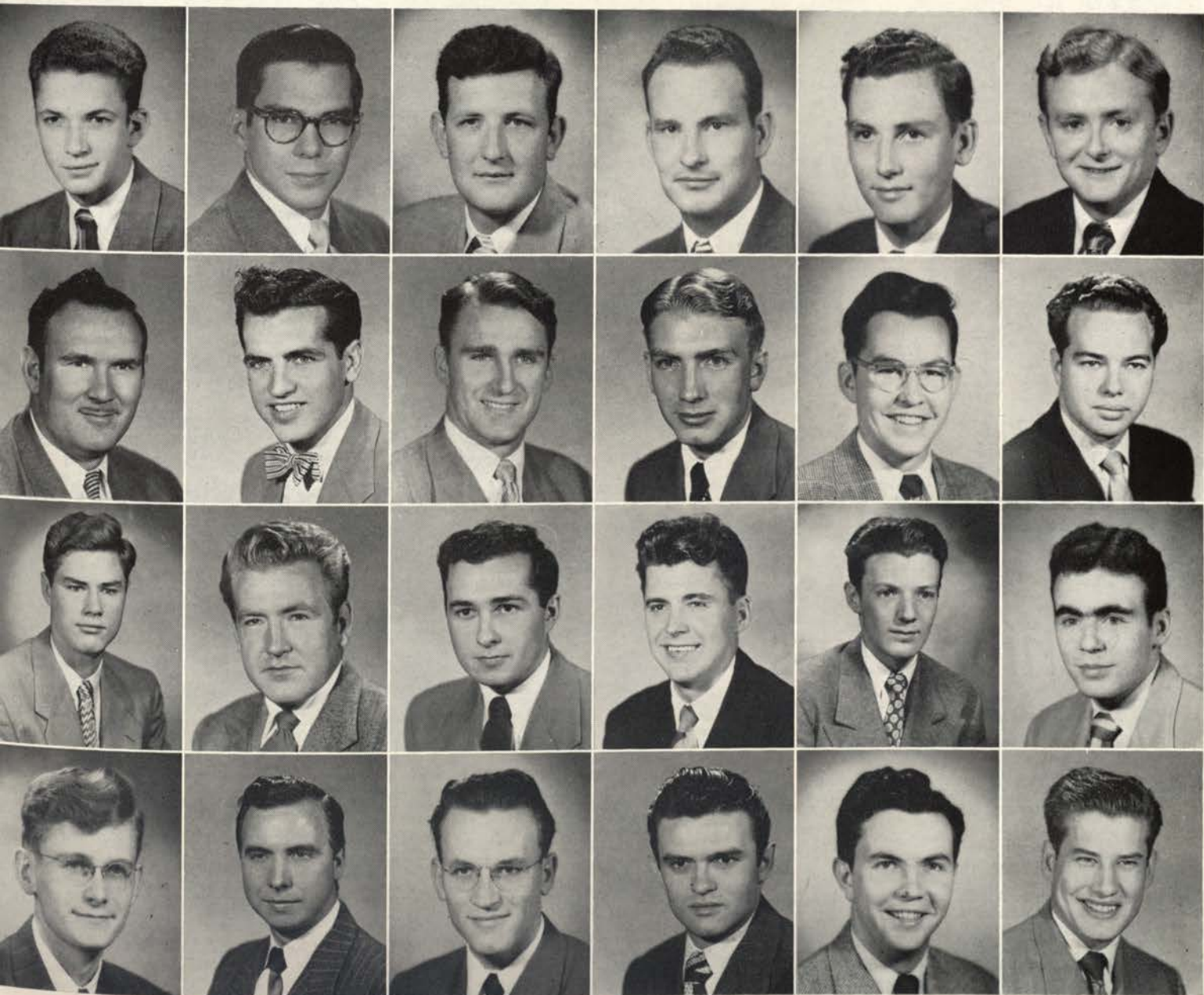
Smith, Donald Richard.....Mining.....Livermore, Ia.
Transferred from Wisconsin Institute of Technology.

Smith, Gerald Delaine.....Mechanical.....Norman, Neb.
Engineers Club; Honor List; Missouri Academy of Science; ASME.

Smith, Harry Whyte.....Ceramics.....Paterson, N. J.
Honor List; ACS; Ceramics Department Student Assistant.

Smith, John Edward.....Civil.....Rolla, Mo.
Kappa Sigma; Honor List; ROTC; Student Council.

Smith, Leslie E.....Civil.....Lemay, Mo.
Pi Kappa Alpha Conductor; ASCE; MSPE; Rollamo Board.



Schuchardt
Sharp
Short
Slover

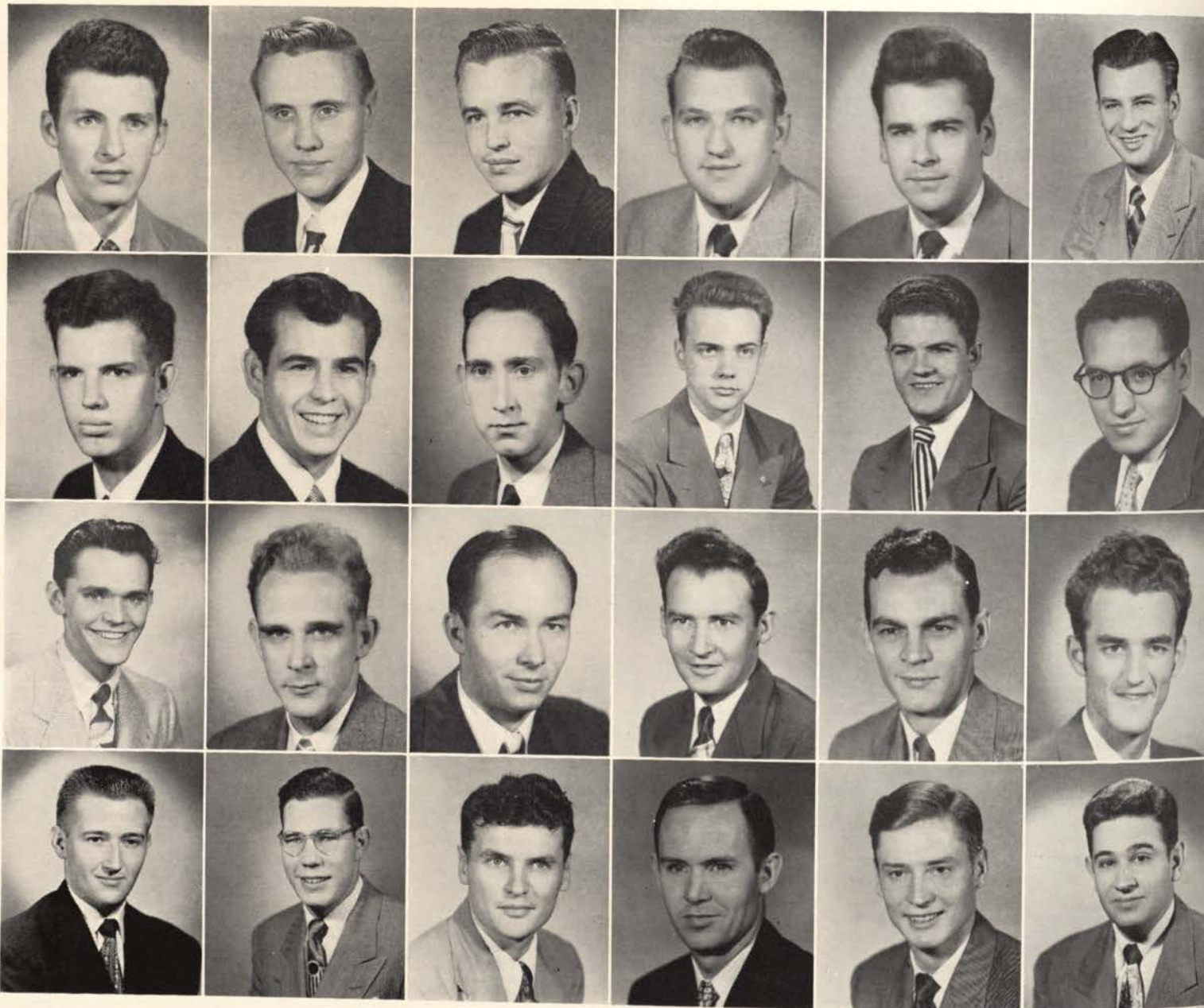
Schwaig
Shaw
Shilaw
Smith, D.

Schweizer
Sheeley
Sieh
Smith, G.

Seay
Shepard
Sigurdson
Smith, H.

Segelhorst
Shields
Silver
Smith, J.

Seip
Shopher
Slankard
Smith, L.



Smith, R.
Spilman
Stieglitz
Sundholm

Smith, T.
Spinello
Stinebaugh
Suren

Snider
St. Clair
Strite
Sutherland

Sobie
Statler
Stuve
Swisher

Sozman
Steinmetz
Sullivan
Swoboda

Speak
Stevenson
Summers
Tabachnick

Senior Class

Smith, Robert John.....Electrical.....St. Louis, Mo.
Tau Kappa Epsilon; SAME; Registrar's Office Student Assistant.

Smith, Thomas Eugene.....Metallurgy.....Eureka, Mo.
Kappa Sigma; Assistant Scribe; Theta Tau Freshman Recognition Award; AFS; MSM Players; ROTC Band.

Snider, Everal Lee.....Min.-Pet.....Rolla, Mo.
Petroleum Division AIME.

Sobie, Milton A.....Min.-Geol.....Oak Park, Ill.
Theta Xi; Honor List; Glee Club.

Sozman, Edwin J.....Metallurgy.....Kansas City, Mo.
Honor List; Keramos; ASM.

Speak, Benjamin C.....Mechanical.....Fornfelt, Mo.
Sigma Pi, Counselor; ASME. Transferred from Southwest Missouri State College.

Spilman, James A.....Civil.....Rolla, Mo.
Honor List; APO; ASCE.

Spinello, Virgil R.....Civil.....Orange, N. J.
Kappa Sigma; E. Needles Speech Award; SAME; ASCE; ROTC Sergeant, Second Lieutenant; St. Pat's Board.

St. Clair, Raymond L.....Mechanical.....Springfield, Mo.
Engineers Club; Tau Beta Pi; Honor List; ASME.

Statler, Clifford A.....Mechanical.....St. Louis, Mo.
ASME.

Steinmetz, Charles E.....Chemical.....St. Louis, Mo.
Honor List; Alpha Phi Omega; AICHE; MSPE.

Stevenson, Frank Berkley.....Min.-Geol.....Potosi, Bolivia, S. A.
Tau Beta Pi; Honor List; Fencing Club; MSM Players; Esperanto.

Nineteen Fifty-One

Stieglitz, Val Henry.....Min.-Pet.....The Plains, Va.
Lambda Chi Alpha; Theta Tau; Honor List; Canterbury
Club; ROTC; Miner Board; Student Assistant Mining Depart-
ment.

Stinebaugh, Thomas E.....Electrical.....East St. Louis, Ill.

Strite, Russel Richard.....Sci.-Chem.....Waynesboro, Pa.
AIChE.

Stuve, Ralph Gordon.....Mining.....Owen, Wisc.

Sullivan, George William.....Metallurgy.....Jasper, Mo.
Honor List; AFS Chairman; ASM.

Summers, Michael F.....Ceramics.....Cape Girardeau, Mo.
Keramos; ACS. Transferred from Southeast Missouri State
Teachers College.

Sundholm, Arthur W.....Min.-Geol.....Brooklyn, N. Y.
Honor List; Gamma Delta.

Suren, Robert George.....Mechanical.....St. Louis, Mo.
Theta Kappa Phi Vice-President; Honor List; Glee Club;
ASME; Student Council; Student Assistant P.E. Department.

Sutherland, Ronald George.....Mining.....Mercer, Wisc.
Transferred from Wisconsin Institute of Technology.

Swisher, Roger Henry.....Civil.....Bethel, Mo.
ASCE; Wesley Foundation. Transferred from University of
New Mexico.

Swoboda, Richard George.....Min.-Geol.....Washington, Mo.
Independents.

Tabachnick, Daniel.....Min.-Pet.....University City, Mo.
Alpha Epsilon Pi; AIMME; Interfraternity Council.

Tarantola, Bruce E.....Mining.....St. Louis, Mo.
Sigma Nu; AIME; Theta Tau; Interfraternity Council Presi-
dent; Miner; C. L. Dake Geological Society.

Tarwater, James Pinkney.....Metallurgy.....Gallatin, Mo.
Honor List; Phi Kappa Phi Book Plate Award; Tau Beta Pi;
Gold Key Award; AFS; ASM Chairman; Wesley Foundation.

Tate, John Richard.....Mechanical.....Poplar Bluff, Mo.
Student Council.

Tatosian, Vanagan.....Electrical.....Granite City, Ill.
Honor List; Gold Key Award; Phi Kappa Phi; AIEE; Stu-
dent Assistant Electrical Department.

Taylor, Andrew Mallow.....Chemical.....St. Louis, Mo.
Triangle; AIChE; Alpha Chi Sigma; MSM Players; ROTC
Band; Academy of Science; Student Assistant Chemical De-
partment.

Taylor, Donald Jean.....Mechanical.....Kirkwood, Mo.
Independents; Tech Club; Honor List; AIME.

Teagarden, Dwight M.....Chemical.....Iantha, Mo.
Tech Club; Independents; Photo Club; ROTC Second Lieu-
tenant; Rollamo Photographer; Miner Photographer; Baptist
Student Union; Student Assistant Library; Student Assistant
Chemical Department.

Terry, Robert Lloyd.....Mining.....Gordon, Wisc.
Transferred from Wisconsin Institute of Technology.

Tester, Hubert Gerald.....Civil.....Madison, Ill.
Tau Kappa Epsilon; MSPE; ASCE; Tech Club; Miner; Wes-
ley Foundation; Chi Epsilon. Transferred from Westminster
College.

Thaller, Kenneth Joseph.....Metallurgy.....St. Louis, Mo.
Kappa Sigma Scribe; AFS.

Tharp, David Harris.....Mechanical.....Illmo, Mo.
Honor List; ASME; Hammer Throwers. Transferred from
Southwest Missouri State College.

Theerman, Wilbert Keith.....Civil.....Warrenton, Mo.
Sigma Nu, Lieutenant Commander; ASCE; Theta Tau; St.
Pat's Board.



Tarantola
Teagarden

Tarwater
Terry

Tate
Tester

Tatosian
Thaller

Taylor, A.
Tharp

Taylor, D.
Theerman



Theiss
Trieste

Thiele
Tsia

Thompson, J.
Tuegel

Thompson, O.
Tuepker

Tone
Tullock

Treuno
Turman

Senior Class

Theiss, John Charles.....Civil.....St. Louis, Mo.
Theta Kappa Phi Sergeant at Arms, Assistant Steward;
Honor List; Miner Board Key; Football; "M" Club; St. Pat's
Board; Rollamo; Miner Business and Advertising Staff.

Thiele, Elmer Earl.....Mining.....Kaukanna, Wisc.
Kappa Alpha.

Thompson, John Raymond.....Mining.....Mercer, Wisc.

Thompson, Owen Eugene.....Electrical.....Amity, Mo.
Photo Club; Radio Club.

Tone, Donald R.....Mining.....Easton, Pa.
Chi Sigma; Theta Xi; AIME.

Treuno, Pedro.....Metallurgy.....Monterey, Mex.
International Fellowship.

Trieste, Mario R.....Chemical.....S. Hempstead, N. Y.
Tau Kappa Epsilon; AICHE Secretary; Miner Board News
Staff.

Tsia, William Wei-Ling.....Mining.....Taipei, China
Baptist Student Union.

Tuegel, Robert Oliver.....Mechanical.....St. Louis, Mo.
Honor List; ASMM; Gamma Delta Corresponding Secretary.

Tuepker, Ralph A.....Metallurgy.....Washington, Mo.
Tech Club; AFS.

Tullock, Stewart B., Jr.....Electrical.....Rolla, Mo.
Honor List; Silver Key Award; MSM Radio Club; ROTC
Band; Wesley Foundation.

Turman, Robert Earl.....Metallurgy.....St. Louis, Mo.
Chi Sigma; Theta Xi, Steward; Honor List; Alpha Phi
Omega; ASM; AFS; Rollamo Board, Associate Editor.

Van Bramer, William Grant.....Mechanical.....Hudson, N. Y.
Independents.

Van Buskirk, Lyman F.....Mechanical.....Greenfield, Mo.
Theta Kappa Phi; Alpha Phi Omega; ASME; "B" Football;
Hammer Throwers; ROTC Band; Miner Board, Exchange
Editor, Board Secretary.

Vansant, Robert E.....Civil.....Clinton, Mo.
Tech Club, Business Manager; Tau Beta Pi; Chi Epsilon;
Honor List; Phi Kappa Phi Book Plate Award; Blue Key;
American Road Builders Association, Vice-President; ASCE;
Pershing Rifles Club; Detonators, Commanding Officer; Gold
Key Award; Flynt Memorial Award; Wesley Foundation,
Secretary-Treasurer, President.

Vaporean, Paul Oliver.....Civil.....Rolla, Mo.
ASCE. Transferred from Harris Junior College.

Venarde, Jack Harry.....Chemical.....St. Louis, Mo.
Alpha Chi Sigma, Historian; Tau Beta Pi, President; Record-
ing Secretary; Phi Kappa Phi; Gold Key Award; Phi Kappa
Phi Book Plate Award; Honor List; AICHE, Treasurer, Presi-
dent; MSPE State Association Director; Military Second Lieut-
enant; Wesley Foundation; Student Assistant Chemical De-
partment.

Voertman, Ken William.....Mechanical.....St. Louis, Mo.
ASME; Gamma Delta, Steward. Transferred from Harris
Teachers College.

Vose, William B.....Chemical.....Alton, Ill.
Tau Kappa Epsilon; Alpha Chi Sigma; Swimming Letter;
"M" Club, Secretary; Detonators; Interfraternity Council;
Student Assistant P.E. Department.

Walker, Harry Nelson.....Ceramics.....Wautoma, Wisc.
ACS.

Wallace, Edwin R.....Min.-Pet.....Republic, Mo.
Honor List; AIME. Transferred from Southwest Missouri
State College.

Walsh, Thomas Edmund.....Min.-Pet.....Yonkers, N. Y.
Chi Sigma; Theta Xi; Honor List; AIME; Interfraternity
Council.

Warner, George Hopkins.....Civil.....Granford, N. J.
Theta Kappa Phi, Steward, Alumni Secretary, Executive
Council; Honor List; "B" Football; Miner Board, Business
and Advertising Staff.

Warsing, John Wesley.....Sci.-Physics.....Chicago, Ill.
Honor List; Phi Kappa Phi Bookplate; Engineers Club;
Physics Ferreters; Canterbury Club; Miner Board; Student
Assistant Physics Department.

Nineteen Fifty-One

Waters, Charles Richard.....Civil.....Sikeston, Mo.
Theta Xi; ASCE. Transferred from Southeast Missouri State College.

Watson, Eugene Paul.....Electrical.....St. Louis, Mo.
Honor List

Weaver, Julian.....Mechanical.....Brooklyn, N. Y.
Kappa Alpha, Treasurer; Honor List; ASME; Interfraternity Council.

Webster, Royal S.....Civil.....Rolla, Mo.
Sigma Nu; ASCE; International Fellowship.

Weeks, Charles Allyn.....Chemical.....Berlin, N. J.
Lambda Chi Alpha; AIChE; Glee Club; Baptist Student Union.

Wees, Francis E., Jr.....Civil.....Omaha, Neb.
Theta Xi, President; Chi Sigma; ASCE; Interfraternity Council.

Wehmeier, Lee M.....Civil.....St. James, Mo.
ASCE; American Road Builders; Student Assistant Drawing Department.

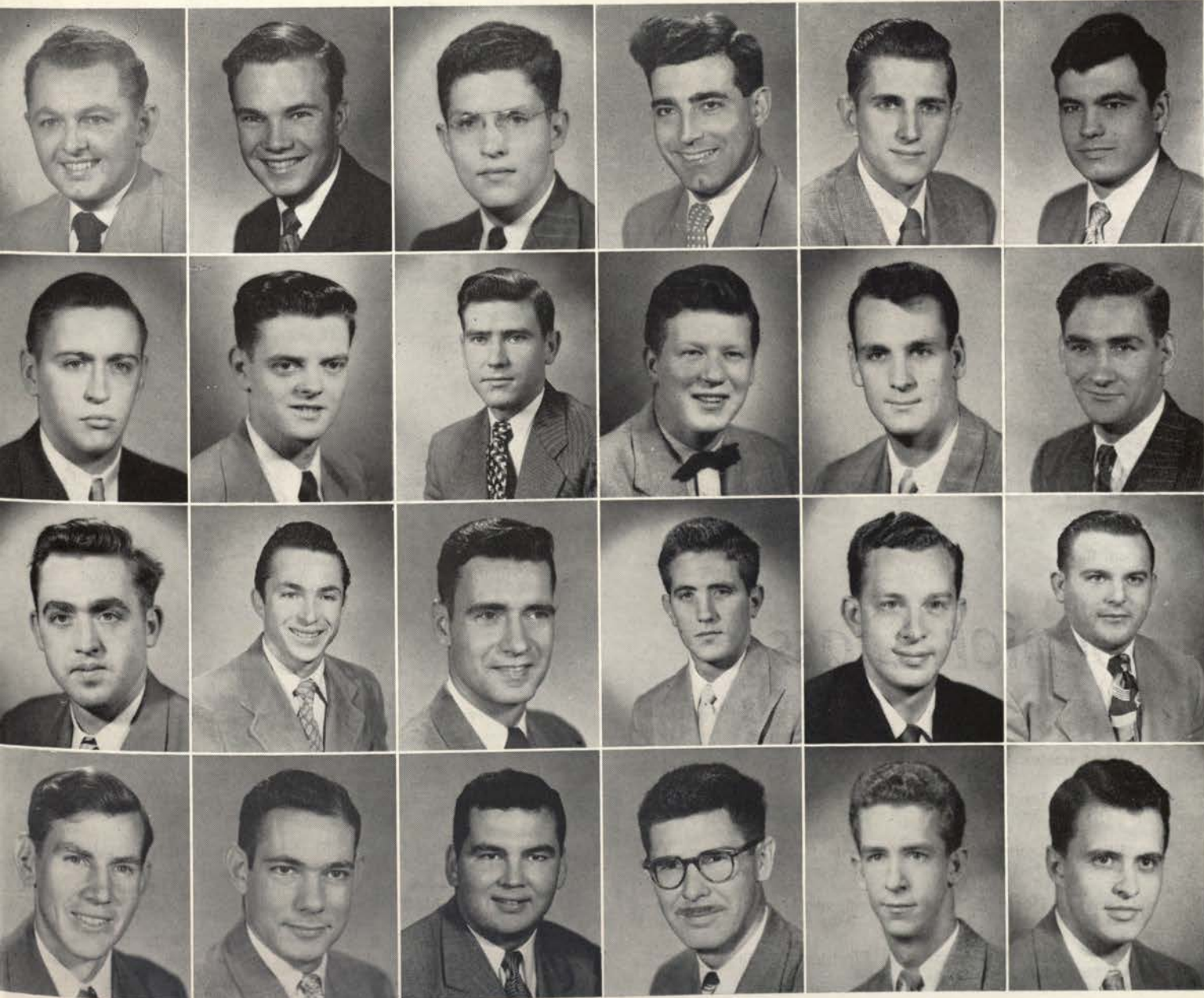
Weinberg, Robert E.....Mechanical.....DuQuoin, Ill.
Honor List; Student Chapter Missouri Society of Professional Engineers. Transferred from University of Oklahoma.

Weinel, Robert Phillip.....Civil.....East St. Louis, Ill.
Sigma Nu; ASCE; Football Letter; "M" Club, Secretary; Student Assistant C.E. Department.

Wellington, Roman Henry.....Mining.....Milwaukee, Wisc.
Transferred from Wisconsin Institute of Technology.

Welsh, Ruel H.....Mechanical.....West Plains, Mo.

Welton, Tom.....Mechanical.....Sterling, Ill.
ASME; Photo Club.



Van Bramer
Vose
Waters
Wehmeier

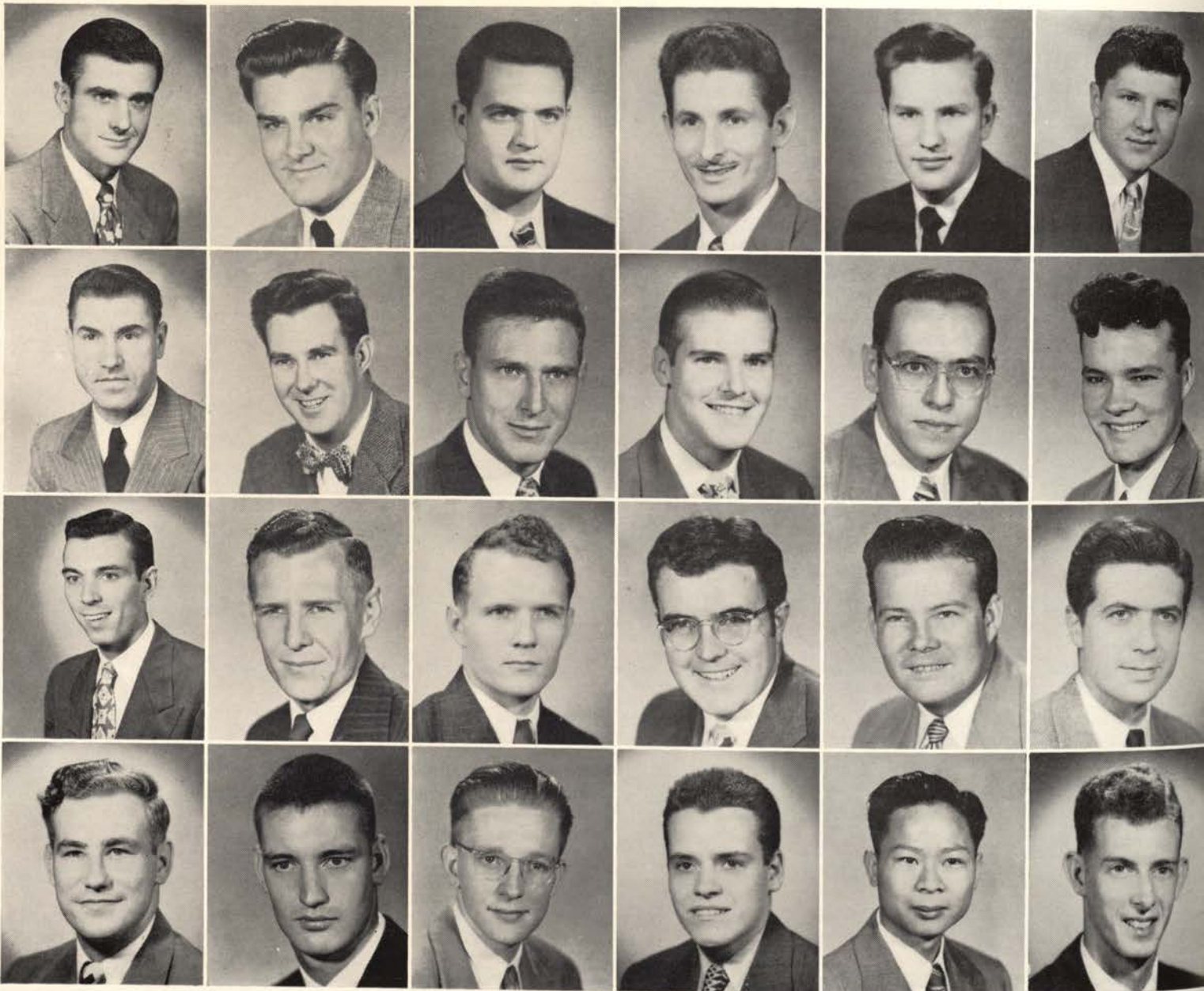
Van Buskirk
Walker
Watson
Weinberg

Vansant
Wallace
Weaver
Weinel

Vaporean
Walsh
Webster
Wellington

Venarde
Warner
Weeks
Welsh

Voertman
Warsing
Wees
Welton



Wenneborg
Wile
Wilson, R.
Wiseman

Westermeire
Wiley
Winchester, B.
Wohlert

Westmoreland
Williams, A.
Winchester, R.
Wolf, F.

Whelan
Williams, C.
Winters
Wolf, R.

Whitmer
Williams, N.
Winton
Wong

Whitson
Wilson, E.
Wipke
Wood

Senior Class

Wenneborg, William Z.....Mining.....Springfield, Ill.
Honor List.

Westermeire, Theodore F.....Electrical.....St. Charles, Mo.

Westmoreland, Darus Sidney.....Civil.....Magnolia, Ark.
ASCE. Transferred from Georgia Tech and Arkansas A. & M.

Whelan, Kenneth J.....Mechanical.....St. Louis, Mo.
Engineers Club; ASME.

Whitmer, David Rothwell.....Mechanical.....Overland, Mo.
Tau Kappa Epsilon; ASME; St. Pat's Board.

Whitson, Harold Edward.....Electrical.....St. Louis, Mo.
Honor List.

Wile, Larson, Edward.....Science.....Mont Alto, Pa.
Honor List; AFS; Baptist Student Union.

Wiley, Raymond Clark.....Metallurgy.....Silver Spring, Md.
ASM.

Williams, Alden Davis.....Min.-Pet.....St. Louis, Mo.
Engineers Club; Honor List; AICHE; AIME, Secretary-Treasurer; Football Letter; "M" Club; Student Assistant Physical Education Department.

Williams, Chester L.....Electrical.....Birch Tree, Mo.

Williams, Norman.....Mechanical.....St. Louis, Mo.
Tech Club; ASME.

Wilson, Emmett LaVern.....Electrical.....Richmond, Mo.
Transferred from Central Missouri State College.

Wilson, Richard Joe.....Mechanical.....Alton, Ill.
Tau Kappa Epsilon; ASME; MSM Rifle Club; ROTC Band; Detonators; Student Council; Rollamo Board, Sports Editor; Miner Board.

Nineteen Fifty-One

Winchester, Billie Jene.....Civil.....Clay City, Ill.
ASCE.

Winchester, Robert Leslie.....Civil.....Clay City, Ill.

Winters, John F.....Metallurgy.....Macon, Mo.
Tech Club, Secretary-Treasurer; Phi Kappa Phi; Tau Beta
Phi; Honor List; Blue Key; AIMME; ASM; BSU; Gold Key
Award; Phi Kappa Phi Book Plate Award.

Winton, Mark F.....Chemical.....Dunnigan, Mo.
Independents; AIChE. Transferred from Southwest Baptist
College.

Wipke, Walter Jacob.....Mechanical.....Kirkwood, Mo.
ASME.

Wiseman, Donald Edward.....Petroleum.....Anderson, Mo.
Chi Sigma; Theta Tau; AIME; MSPE; Miner.

Wohlert, William Henry.....Civil.....Alton, Ill.
Engineers Club; Blue Key; ASCE; "B" Basketball; Football
Letter; "M" Club; Student Assistant P.E. Department.

Wolf, Frederic Hugo.....Electrical.....Bonne Terre, Mo.
Honor List; AIEE; Glee Club; ROTC Band.

Wolf, Robert V.....Mechanical.....St. Louis, Mo.
Pi Kappa Alpha, Secretary, Vice-President, President; Lucy
Worham James Scholarship; Honor List; Blue Key, Presi-
dent; ASME, Secretary, President; AFS; Rollamo.

Wong, Hong.....Civil.....Canton, China
ASCE.

Wood, James J.....Electrical.....Leasburg, Mo.
Engineers Club.

Woodlock, Leon Francis.....Civil.....Sausalito, Calif.
ASCE. Transferred from Marix Junior College.

Wurtz, Wadec.....Metallurgy.....St. Louis, Mo.
Honor List; AFS.

Yeakley, Richard A.....Mechanical.....Alton, Ill.
ASME; ROTC Second Lieutenant. Transferred from Shurtleff
College.

Young, George Charles.....Chemical.....St. Louis, Mo.
Independents; Alpha Chi Sigma; Honor List; AIChE; Track
Letter; Glee Club; "M" Club; Gamma Delta, Treasurer.

Young, Orville Carl.....Electrical.....Rolla, Mo.

Zane, Robert Irvan.....Civil.....Kansas City, Mo.
Independents; Engineers Club; Honor List; Blue Key; ARBA,
Secretary; ASCE; Student Council; Chi Epsilon; Junior
Class Secretary; Senior Class Treasurer.

Zeid, Marvin C.....Min.-Pet.....Chicago, Ill.
Tech Club; Tau Beta Pi; Phi Kappa Phi Book Plate Award;
James Scholarship; Student Education and Loan Fund Schol-
arship; Gold Key Award; AIME Scholarship; AIMME; Stu-
dent Assistant Registrar's Office; Student Assistant Veterans
Office.

Zeis, Albert Edward.....Mechanical.....St. Louis, Mo.
Honor List; Independents; Tech Club.

Zeitz, Edward John.....Chemical.....Cleveland, Ohio
Independents; AIChE; Honor List; Glee Club, Vice-President;
Alpha Chi Sigma. Transferred from North Dakota Agricul-
ture College.

Zinke, Robert.....Sci.-Geol.....Webster Groves, Mo.
Honor List; AIMME; Student Assistant Geology Department.

Zumsteg, Richard Ernest.....Mining.....Quincy, Ill.
Kappa Alpha, Censor; Tau Beta Phi, President; Phi Kappa
Phi Book Award; Honor List; Alpha Phi Omega; Detonators;
Pershing Rifles, Executive Officer. Transferred from Quincy
College.

Zupan, Milan John.....Ceramics.....St. Louis, Mo.
Lambda Chi, Librarian, Historian; ACS; MSM Players; Stu-
dent Council.



Woodlock
Zeid

Wurtz
Zeis

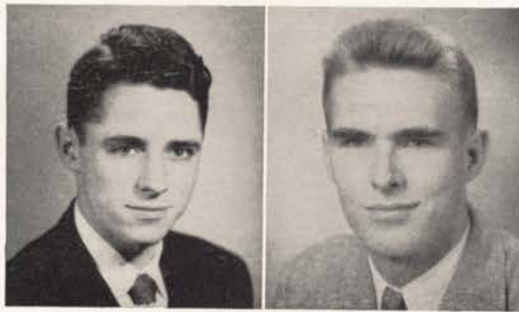
Yeakley
Zeitz

Young, G.
Zinke

Young, O.
Zumsteg

Zane
Zupan

Senior Class



Zvanut

Monroe

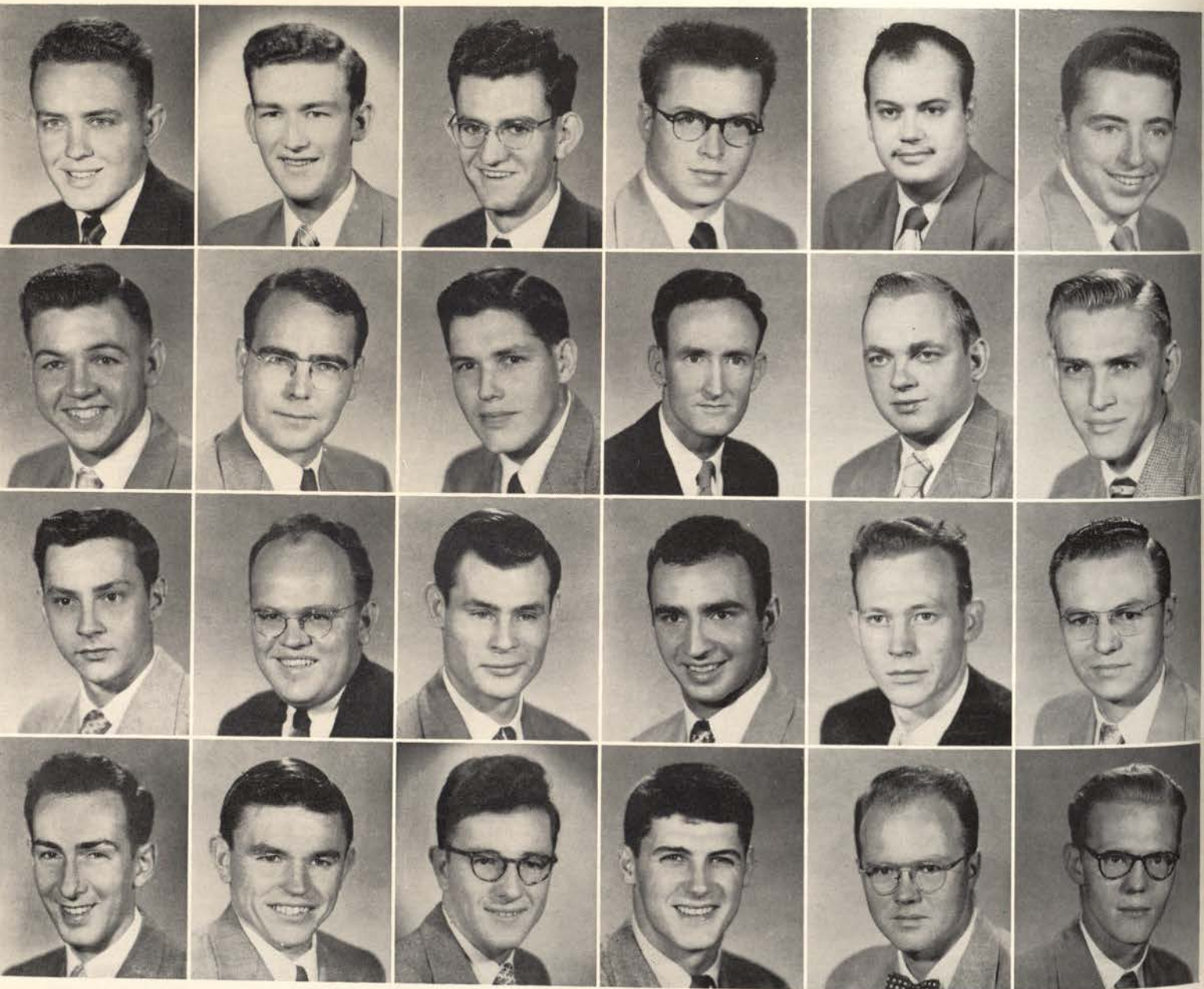
- Zvanut, William Henry.....Civil.....St. Louis, Mo.
ASCE.
- Monroe, William Ray.....Mining.....Tarrytown, N. Y.
Theta Xi; Chi Sigma; AIME.
- Acer, Brayton.....Electrical.....Kenmore, N. Y.
AIEE.
- Anderson, James Leland.....Mining.....Bextonville, Wisc.
- Berry, Hugh Roger, Jr.....Mechanical.....Momaroneck, N. Y.
Honor List; Spelunkers. Transferred from Syracuse University and College City of New York.
- Bolanovich, Melvin Phillip.....Ceramics.....St. Louis, Mo.
Kappa Sigma; ACS. Transferred from St. Louis University.
- Borgers, William J.....Civil.....New York, N. Y.
ASCE. Transferred from Marietta College.
- Brachman, Richard John.....Mining.....Platteville, Wisc.
AIME. Transferred from Wisconsin Institute of Technology.
- Bradford, Samuel Arthur.....Science.....Buffalo, N. Y.
Honor List. Transferred from Peru State Teachers College.
- Brandt, James Parker.....Min.-Geol.....Concord, Calif.
Honor List; AIME.
- Bredesen, Karsten Arnold, Jr.....Civil.....Springfield, Mo.
ASCE; American Road Builders Association.
- Buder, Thomas Erle.....Mechanical.....Rolla, Mo.
Student Assistant P.E. Department.
- Burgess, Gillum Eugene.....Metallurgy.....Collinsville, Ill.
Sigma Pi; AFG; Miner Board News Staff; Student Assistant Library.
- Castro, Dudley L.....Mechanical.....Abbeville, La.
Honor List; ASME; Student Assistant Library.
- Chappell, John Robert.....Civil.....Springfield, Mo.
Sigma Nu; ASCE. Transferred from Drury College.
- Chorney, Peter L.....Electrical.....Albion, N. Y.
- Cohen, Bernard.....Sci.-Physics.....Brooklyn, N. Y.
Physics Ferreters, Historian.
- Deghuee, John F.....Mechanical.....Glendale, Mo.
Theta Kappa Phi, Vice-President; Hammer Throwers; ROTC Band; Detonators; Rollamo.
- Ertz, Eugene J.....Mining.....Lancaster, Wisc.
Transferred from Wisconsin Institute of Technology.
- Giacoma, Fred Alfred.....Mechanical.....St. Louis, Mo.
Pi Kappa Alpha, Corresponding Secretary; Honor List; ASME; SAME, Secretary; MSPE; Photo Club; Glee Club; Detonators; Theta Tau.
- Guimaracs, Helio P.....Ceramics.....Belo Horizonte, Brazil
- Hall, James H.....Electrical.....Rolla, Mo.
Fencing Club.
- Hamm, Charles Roger.....Min.-Pet.....St. Joseph, Mo.
Tau Beta Pi; Honor List. Transferred from St. Joseph College.
- Heineck, Dale Walter.....Chemical.....St. Louis, Mo.
Lambda Chi Alpha; Alpha Chi Sigma; AICHE; Glee Club; Interfraternity Council.
- Hill, Trenor W. W.....Min.-Pet.....Victoria, Australia
Lambda Chi Alpha; Honor List; Tau Beta Tau; AIME; International Fellowship.
- Jameson, John G.....Mining.....Gays Mill, Wisc.
Transferred from Wisconsin Institute of Technology.
- Jayne, Harold M.....Civil.....Trenton, Mo.
Honor List; Alpha Phi Omega; Chi Epsilon; ASCE; American Road Builders Association. Transferred from Trenton Junior Polytech.
- Jeffers, Phillip Eugene.....Ceramic.....Gardner, Ill.
Lambda Chi Alpha, Treasurer; ACS; Keramos.
- Jekel, Charles Alexander.....Min.-Geol.....St. Louis, Mo.
Pi Kappa Alpha; Honor List.
- Kalk, Franklin Dean.....Mining Metal.....Glen Ellyn, Ill.
Canterbury Club. Transferred from Wisconsin Institute of Technology.
- Karigan, William A.....Electrical.....Sedalia, Mo.
Independents; Alpha Phi Omega. Transferred from Southern Methodist University.
- Kerns, Leamon Francis.....Electrical.....Rolla, Mo.
- Ketter, Richard Paul.....Mining Metal.....Platteville, Wisc.
Transferred from Wisconsin Institute of Technology.
- Kiley, Gerald Robert.....Mining.....Hazel Green, Wisc.
Transferred from Wisconsin Institute of Technology.
- Kinas, Thomas David.....Mining.....Green Lake, Wisc.
Kappa Alpha.
- Kronst, Edwin Frank.....Mining-Geol.....Wilsonville, Ill.
- Kupsch, Robert Joseph.....Mining.....Milwaukee, Wisc.
- Land, Robert Lee.....Chemical.....Granite City, Ill.
Honor List; ACS. Transferred from Oregon State College.
- Lewir, Arthur D.....Electrical.....St. Louis, Mo.
Jackling Terrace Council.
- Lewoczko, Walter.....Mining.....N. Laheville, Mass.
Honor List. Transferred from Mohawk College.
- Linder, Clement F.....Min.-Pet.....Rhinebeck, N. Y.
Honor List; AIME.
- Lindsey, Eugene H.....Min.-Geol.....Monrovia, Calif.
Lambda Chi Alpha; Honor List. Transferred from John Muir College.

Nineteen Fifty-One

- McClinton, John Lewis.....Ceramic.....St. Louis, Mo.
Sigma Phi Epsilon; ACS; AIME; St. Pat's Board; Interfraternity Council, Vice-President.
- McHugh, James J. P.....Min.-Geol.....Cocoa, Fla.
Spelunkers Club. Transferred from Virginia Polytech Institute.
- Milligan, Edward J.....Mining.....Flushing, N. Y.
Student Assistant Library.
- Neal, Chester Elwood.....Chemical.....Cage, Mo.
Glee Club. Transferred from Southwest Missouri State Teachers College.
- Ostrosky, Irving.....Science-Geol.....New York, N. Y.
Spelunkers Club.
- Payne, Grover Curtis.....Civil.....Whittington, Ill.
Tau Kappa Epsilon; Honor List; ASCE; ARBA.
- Phillips, William R.....Mechanical.....Springfield, Ill.
Gamma Delta; ASME. Transferred from Springfield Junior College.
- Pierce, Edward Stanley.....Civil.....Staten Island, N. Y.
American Road Builders Association.
- Pippert, William Sewing.....Metallurgy.....St. Louis, Mo.
SAME; ROTC, Staff Sergeant, Lieutenant; American Foundrymen's Association.
- Plainse, Ross Roy.....Mining Metal.....Milwaukee, Wisc.
- Quatrochi, Philip Joseph.....Chemical.....New Rochelle, N. Y.
Honor List; AIChE.
- Rachwal, Chester Alors.....Ceramics.....Niagara Falls, N. Y.
Honor List.
- Reneau, Kenneth.....Min.-Pet.....Tart, Calif.
Transferred from Taft Junior College.
- Riley, Robert Eldon.....Metallurgy.....Rolla, Mo.
Honor List.
- Roth, Donald Knapple.....Mining.....Albany, N. Y.
AIME.
- Ruttinger, Anthony Joseph.....Min.-Pet.....Rolla, Mo.
Transferred from Sampsan College.
- Rushford, Wilson Hubert.....Chemical.....Windsor, Mo.
- Selby, John Elbert, Jr.....Electrical.....Bethany, Mo.
Transferred from University of Colorado.
- Sieck, Ervin H.....Electrical.....Jackson, Mo.
Gamma Delta.
- Simpson, Thomas Alexander.....Min.-Geol.....Waterville, Me.
APO, Sergeant at Arms; AIMME. Transferred from Colby College.
- Smith, George M.....Electrical.....Springfield, Ill.
Transferred from Springfield Junior College.
- Spindle, Harvey Eugene.....Sci.-Physics.....Cabool, Mo.
Sigma Pi Sigma, Secretary; Tau Beta Pi; Phi Kappa Phi Award; Honor List; Alpha Phi Omega, Vice-President; MSM Players; Esperanto; Spelunkers.
- Steward, George Edward.....Mechanical.....Flat River, Mo.
Honor List; ASM; Independents; Engineers Club. Transferred from Flat River Junior College.
- Stich, Leonard Lee.....Mining.....Monroe, Wisc.
- Synnott, John Edward.....Min.-Pet.....Wausau, Wisc.
AIME Petroleum Division. Transferred from Wisconsin Institute of Technology.
- Tankersley, James Hall.....Civil.....Caruthersville, Mo.
Theta Xi; Chi Sigma; ASCE.
- Thompson, Richard Allyn.....Electrical.....St. Louis, Mo.
Honor List; Tech Club; Interfraternity Council.
- Thurston, Richard A.....Chemical.....St. Louis, Mo.
Sigma Nu; AIChE; Football; "M" Club; Student Assistant in Athletic Department. Transferred from University of Missouri.
- Tischler, Martin Stanley.....Sci.-Geol.....University City, Mo.
Engineers Club; AIME; ASCE; Alpha Epsilon Pi; Student Assistant Mining Department. Transferred from Missouri Academy of Science.
- Venard, Alden Chester.....Ceramic.....Rolla, Mo.
- Watson, Harry Gene.....Civil.....Rolla, Mo.
Basketball "B" Team; Varsity Basketball.
- Weiss, Jerome.....Electrical.....Madison, Ill.
Engineers Club.
- Wenzell, Robert P.....Mining.....Jennings, Mo.
Honor List; Engineers Club; Jackling Terrace Council; Band.
- Wick, Keith Elwin.....Metallurgy.....Chicago, Ill.
Theta Xi, Steward; Chi Sigma; ASM.
- Wilson, Gerald M.....Mining.....Crane, Mo.
Kappa Alpha; Football; Esperanto Association; "M" Club. Transferred from Tulsa University.



Senior officers: Scheffler, Fornari, Burch.



Abernathy
Anderson, G. C.
Baker
Belew

Akins
Anderson, G. V.
Bara
Bender

Alburtis
Andrews
Barnard
Berford

Almeter
Arnold
Basler
Beverage

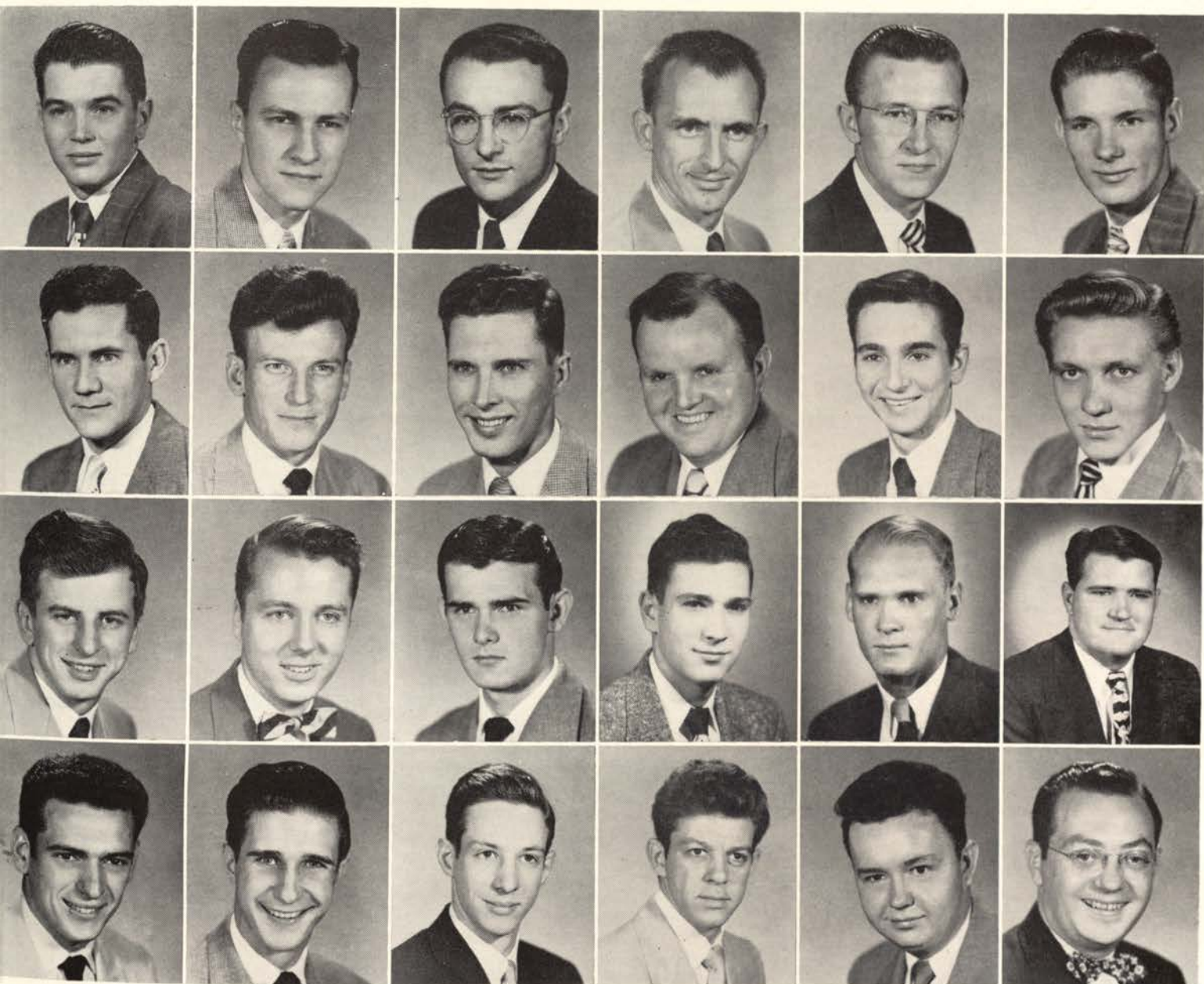
Alvarado
Audsley
Bay
Berger

Anderson, C.
Augustson
Becker
Birk

Juniors

Abernathy, Thos. S.....Cape Girardeau, Mo.
Akins, Herb Glenn.....DeSoto, Mo.
Alburtis, Lawrence E.....Warrensburg, Mo.
Almeter, Frank Murray.....Maseppa, Minn.
Alvarado, Frank T.....New York City, N. Y.
Anderson, Charles Arthur.....Lemay, Mo.
Anderson, Gail C.....Jefferson City, Mo.
Anderson, George V.....Medford, Wisc.
Andrews, Joe Frank.....West Plains, Mo.
Arnold, William John.....Clifton Heights, Pa.
Audsley, Glenn Lee.....Dewitt, Mo.
Augustson, Luther Bernard.....Dixon, Ill.

Baker, Ralph Waldo.....Springfield, Ill.
Bara, John A., Jr.....South River, N. J.
Barnard, Paul Gene.....Forsyth, Ill.
Basler, Francis S.....Ste. Genevieve, Mo.
Bay, Robert Edward.....St. Louis Mo.
Becker, James Richard.....Kansas City, Mo.
Belew, James A.....Salem, Mo.
Bender, John Henry.....New Philadelphia, O.
Berger, Charles August.....Afton, Mo.
Beverage, Leland Douglass.....Belleville, Ill.
Bilheimer, Earl Lee.....Bonne Terre, Mo.
Birk, Kenneth L.....Cape Girardeau, Mo.



Bloess
Boyle
Buersmeyer
Calcaterra

Borberg
Bradley
Bullivant
Campbell

Bosse
Breazeale
Burford
Cantwell

Bottorff
Brigance
Bushko
Carver

Bourland
Bruch
Bushmeyer
Cauthorn

Bowlin
Bruskotter
Byrd
Charneski

of 1951

Bloess, Juergen J.....S. Ozone Park, N. Y.
Borberg, James R.....Wellington, Mo.
Bosse, Richard Martin.....Ferguson, Mo.
Bottorff, James Allison.....Salem, Mo.
Bourland, William Alfred.....Springfield, Ill.
Bowlin, William H.....Worth, Mo.
Boyle, James Robert.....Rahway, N. J.
Bradley, William Denis.....Rolla, Mo.
Breazeale, Paul H.....Springfield, Mo.
Brigance, Glenn A.....Mountain View, Mo.
Bruch, Frederick Edw., Jr.....St. Louis, Mo.
Bruskotter, John Francis.....Ottawa, Ohio

Buersmeyer, Connie H.....Jefferson City, Mo.
Bullivant, Frederick R.....Jackson Hgts, N. Y.
Burford, Robert D.....Sedalia, Mo.
Bushko, Joseph George.....Murphysboro, Ill.
Bushmeyer, Alan Joseph.....Rolla, Mo.
Byrd, Herman Clyde.....Rolla, Mo.
Calcaterra, Edward L.....Herrin, Ill.
Campbell, Robert Earl.....Joplin, Mo.
Carver, Robert Elliott.....Kansas City, Mo.
Castro, Charles B.....St. Louis, Mo.
Cauthorn, James Elliott.....Mexico, Mo.
Charneski, Albin Bruno.....Brooklyn, N. Y.



Chuen
Cooley
Cramer
Danzer

Clements
Coonce
Crane
Davis, D.

Cobb
Cooper
Craver
Davis, G.

Cole
Corrigan
Crawford
Davis, R.

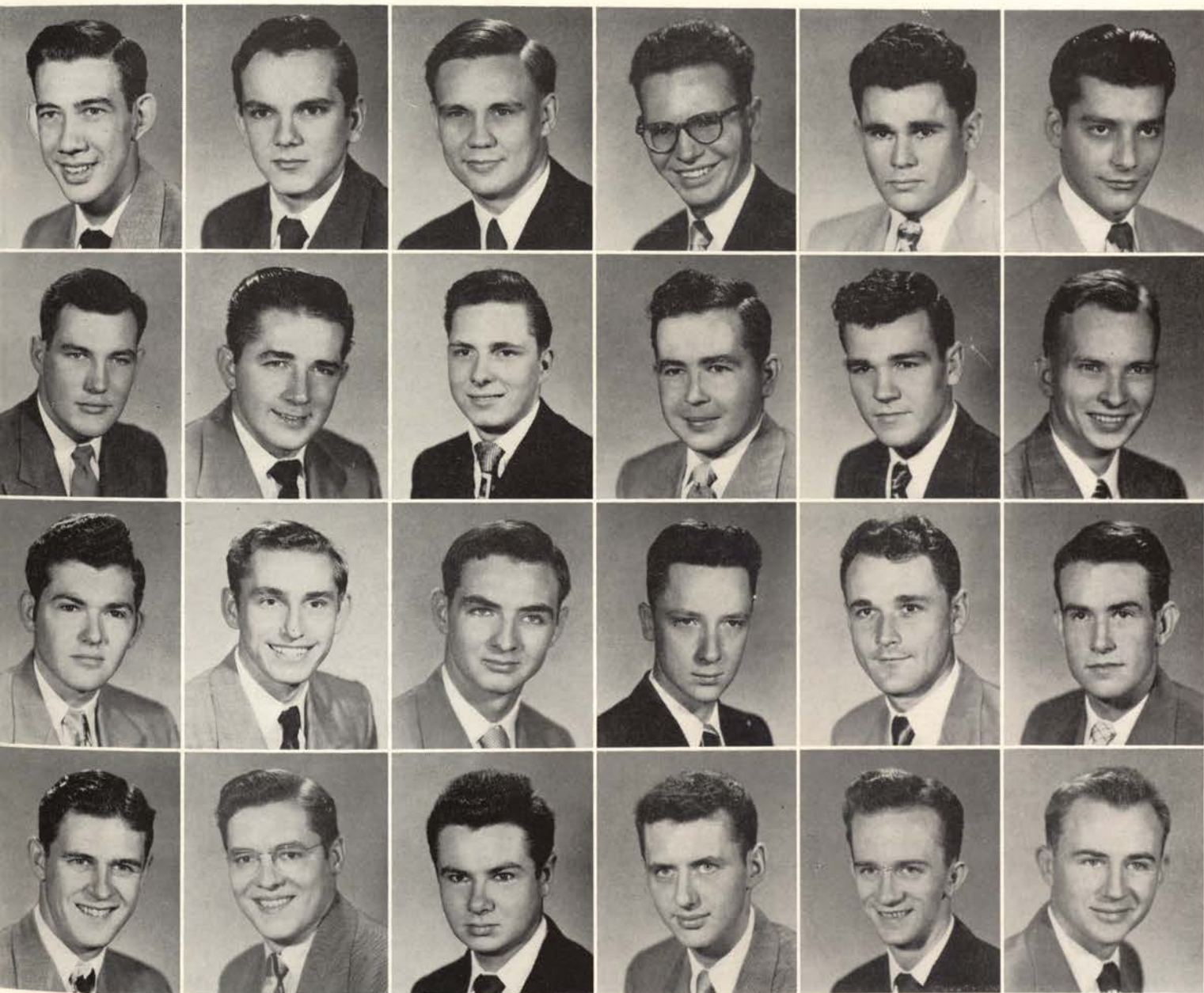
Collins
Cowan
Crawley
Degan

Cookson
Cox
Culp
DeHekker

Juniors

Chuen, Lee Shuck.....New York City, N. Y.
Clements, Walter Warren.....Wichita, Kans.
Cobb, Robert F.....Niagara Falls, N. Y.
Cole, Allan Arthur.....Orange, N. J.
Collins, Robert T.....Normandy, Mo.
Cookson, Clarence Gerard.....Belleville, Ill.
Cooley, James A.....Valley Park, Mo.
Coonce, Homer Eugene.....Spokane, Mo.
Cooper, Richard Charles.....St. Louis, Mo.
Corrigan, Richard Joseph.....Willmette, Ill.
Cowan, Harry D.....White Plains, N. Y.
Cox, Homer Lee.....Quincy, Ill.

Cramer, Kenneth LaVerne.....Dixon, Ill.
Crane, Harold Ray.....Palmyra, Mo.
Craver, Claud Richard.....Hannibal, Mo.
Crawford, Duane Austin.....Marshall, Ill.
Crawley, Bill Lee.....St. Louis, Mo.
Culp, Archie William.....St. Joseph, Mo.
Danzer, Richard Harold.....St. Louis, Mo.
Davis, David Joe.....Olmster, Ill.
Davis, Gedale.....St. Louis, Mo.
Davis, Russell Earl.....Kenmore, N. Y.
Degan, James Jerome.....Gary, Ind.
DeHekker, Robert John.....St. Louis, Mo.



DeLap
DeVaney
Drewell, B.
Edwards

DeMier
Dever
Drewell, D.
Ellison

Dent
Dickerman
Duchek
England

Dermody
Diebold
Duncan
Evans

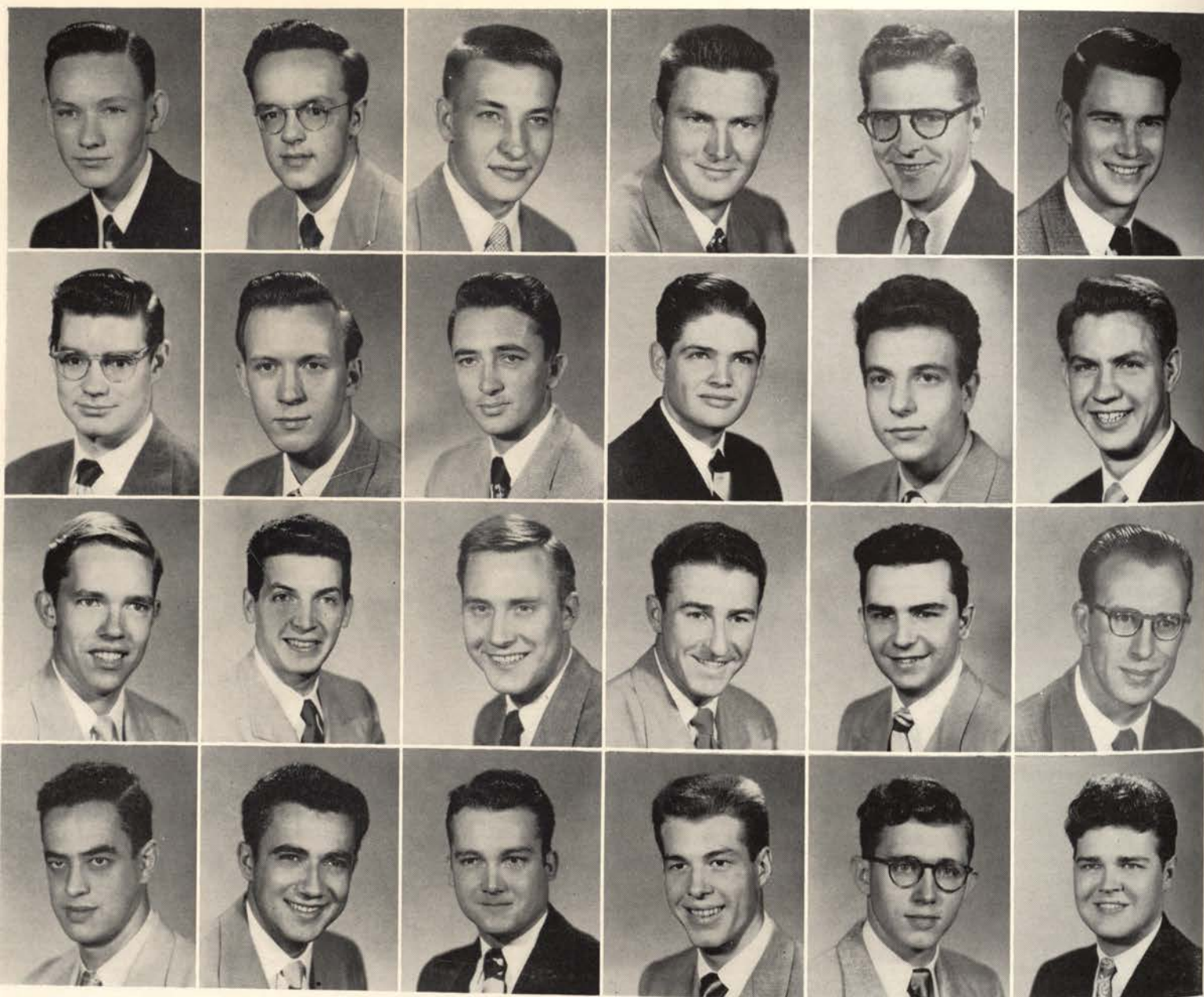
Derrington
Dobson
Durham
Fannin

Deutsch
Dowd
Dye
Farrer

of 1951

De Lap, Kenneth L.....West Frankfort, Ill.
DeMier, Warren V.....Leadwood, Mo.
Dent, Harry Lee.....St. Louis, Mo.
Dermody, Robert Neale.....Mexico, Mo.
Darrington, Laurence P.....Pierce City, Mo.
Deutsch, Gordon.....Rochester, N. Y.
DeVaney, Daniel Spear.....Hibbing, Minn.
Dever, Richard Robert.....Rochester, N. Y.
Dickerman, John H.....St. Louis, Mo.
Diebold, Francis L.....Benton, Mo.
Dobson, Theodore Emanuel.....Omaha, Nebr.
Dowd, Bernard Paul.....Leadwood, Mo.

Drewel, Billy Maurice.....Vandalia, Mo.
Drewel, Donald Emmett.....Potosi, Mo.
Duchek, Burton James.....St. Louis, Mo.
Duncan, Donald Lee.....Cantwell, Mo.
Durham, Richard Clyde.....Hudson, Kans.
Dye, Robert Andrew.....Sikeston, Mo.
Edwards, Gene Walker.....St. Louis, Mo.
Ellison, Guy C.....Rolla, Mo.
England, Murray Neal.....Neosho, Mo.
Evans, John E.....Laguna Beach, Calif.
Fannin, Eugene Ray.....St. Louis, Mo.
Farrer, Robert Erle.....Rolla, Mo.



Ferguson
Fitzgibbon
Frey
Gleiser

Ferns
Fons
Garten
Govatos

Finegar
Forister
Geers
Grant

Fink
Fosha
Gegg
Gray

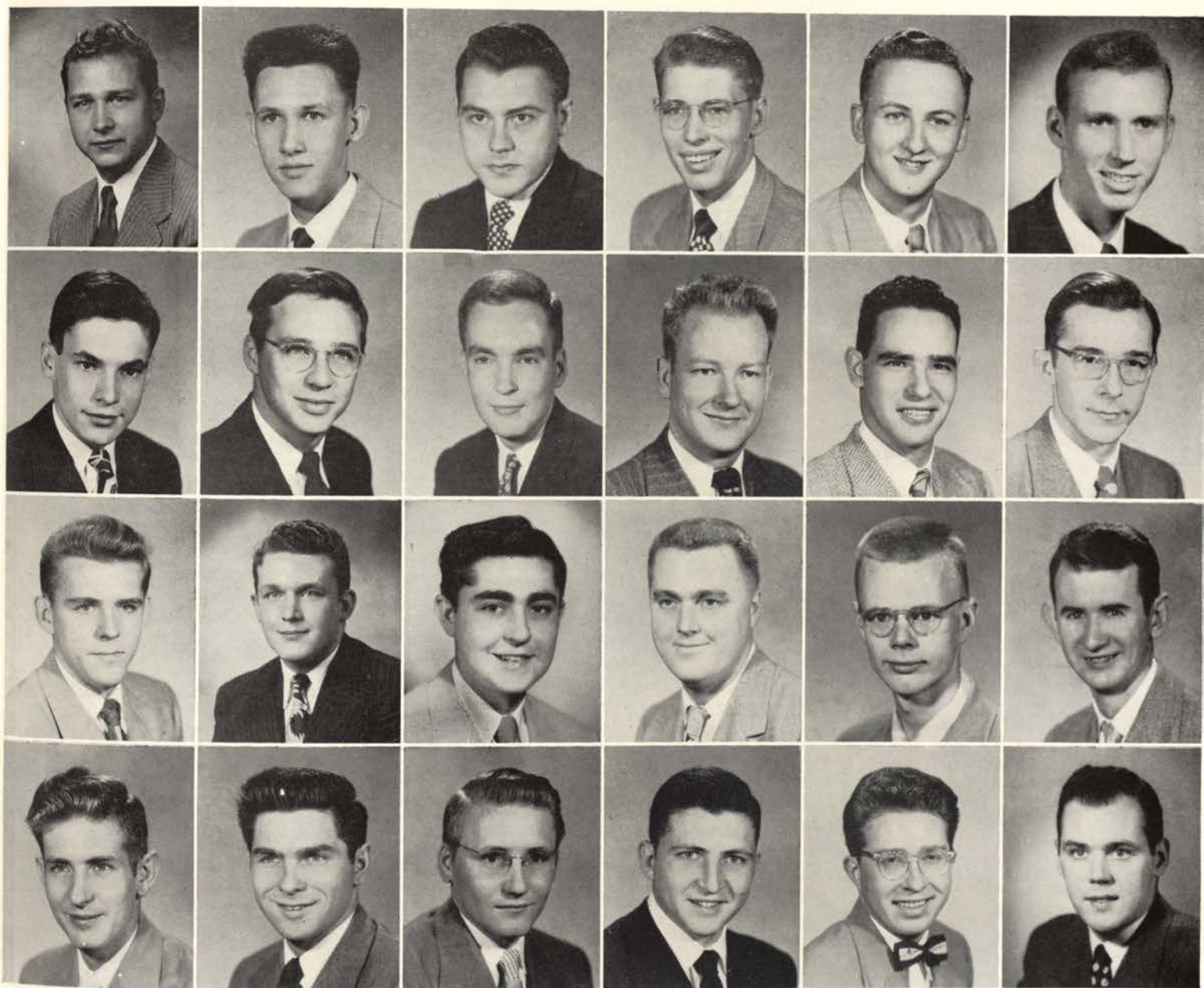
Firman
Fracchia
Geidel
Greenwalt

Fish
Freiberger
Gillham
Greiten

Juniors

Ferguson, Fred Eugene.....Licking, Mo.
Ferns, Chester Kipp, Jr.....Tenasly, N. J.
Finegar, William A.....Fugete, N. Y.
Fink, Clyde H.....Rolla, Mo.
Firman, Harry W.....Philadelphia, Pa.
Fish, George Esson.....Tallahassee, Fla.
Fitzgibbon, Harry John.....DeSoto, Mo.
Fons, Rodney Christian.....St. Louis, Mo.
Forister, Harold Glenn.....Greenville, Mo.
Fosha, Albert Alfred.....Alton, Ill.
Fracchia, Mario Jos.....University City, Mo.
Freiberger, Harold C.....Union, Mo.

Frey, Martin August.....East St. Louis, Ill.
Garten, Randel Lee.....Piney View, W. Va.
Geers, Joseph Herman.....St. Louis, Mo.
Gegg, Edgar J.....Ste. Genevieve, Mo.
Geidel, Harold W.....Webster Groves, Mo.
Gillham, Virgil L., Jr.....Kansas City, Mo.
Gleiser, Marcos.....Begota, Colombia
Govatos, John Nicholas.....Wilmington, Del.
Grant, Joe Winn.....Morrisville, Mo.
Gray, William Kenneth, Jr.....Tulsa, Okla.
Greenwalt, Clyde Roger.....Rolla, Mo.
Greiten, John Peter.....St. Louis, Mo.



Grevin
Hallows
Heeger
Henry, R.

Hacker
Hamby
Heil
Hewett

Hackman
Harman
Heilich
Hindman

Hagemeier
Hausmann
Helgerson
Hirsch

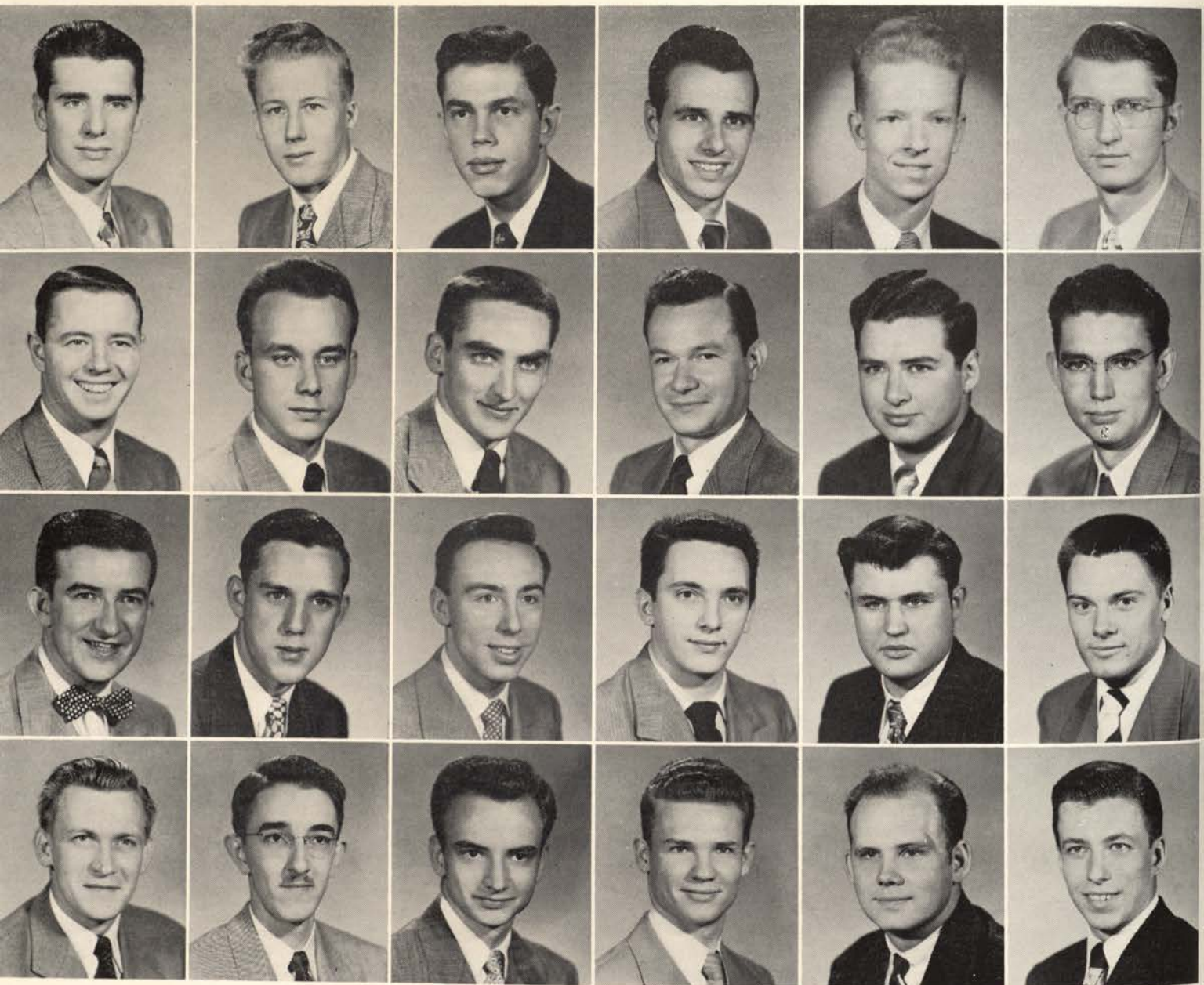
Hahne
Hausner
Henriksen
Hoffmann

Hallett
Heagler
Henry, J.
Holland

of 1951

Grevin, Goodwill H.....Franklin Park, Ill.
Hacker, Jean Ernst.....Jackson, Mo.
Hackman, Vernon Emil.....St. Charles, Mo.
Hagemeier, Dwight Florenz.....Hannibal, Mo.
Hahne, Wayne Alan.....St. Louis, Mo.
Hallett, William Marion.....St. Louis, Mo.
Hallows, Raymond LeRoy.....Cincinnati, O.
Hamby, John Kenneth.....Alton, Ill.
Harmon, Charles William.....Springfield, Mo.
Hausmann, Paul L.....Washington, Mo.
Hausner, Paul H.....Kansas City, Mo.
Heagler, John Bay, Jr.....Brentwood, Mo.

Heeger, Charles Henry.....Union, Mo.
Heil, John Berton.....St. Louis, Mo.
Heilich, Raymond P.....St. Louis, Mo.
Helgerson, Wayne Earl.....Iola, Wisc.
Henriksen, Svend E. J.....Ithaca, N. Y.
Henry, Joe A.....Hurley, New Mex.
Henry, Richard Lee.....Macon, Mo.
Hewett, Charles A.....Johnson City, N. Y.
Hindman, Leo.....Chaffee, Mo.
Hirsch, Robert L.....St. Louis, Mo.
Hoffmann, Ronald Albert.....St. Louis, Mo.
Holland, John William.....Springfield, Mass.



Holmes
Hubbard
Jolly
Kent

Honigfort
Huber
Jones
Keir

Hook
Huffman
Juttmeier
Kibler

Hoppe
Humphrey
Kadnar
Kimker

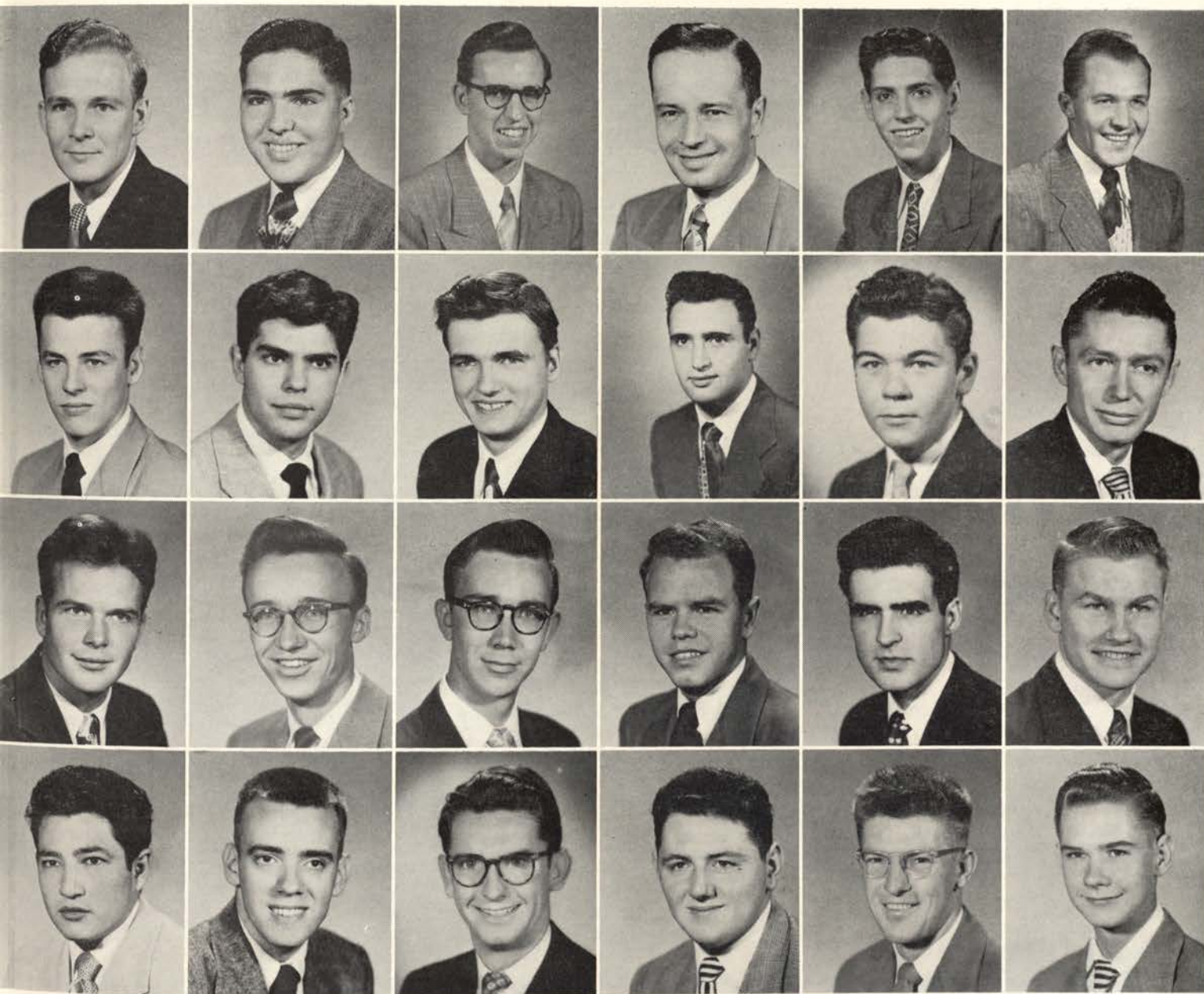
Houf
Hutkin
Keel
Kinnan

Hrbacek
Jenkins
Keith
Kirk

Juniors

Holmes, Wallace Harold.....Chicago, Ill.
Honigfort, Henry Francis.....Chesterfield, Mo.
Hook, Glenn Marvin.....Kimmswick, Mo.
Hoppe, Harry M., Jr.....St. Louis, Mo.
Houf, William Henry.....Mexico, Mo.
Hrbacek, Emil C.....St. Louis, Mo.
Hubbard, James R.....Mountain Grove, Mo.
Huber, Richard Gene.....St. Louis, Mo.
Huffman, Gene Austin.....Rolla, Mo.
Humphrey, Charles Roy.....Mt. Vernon, Ill.
Hutkin, Irving Joseph.....Brooklyn, N. Y.
Jenkins, Lloyd H.....Gallup, New Mex.

Jolly, John Gordon.....Rolla, Mo.
Jones, Robert Allan.....Bevier, Mo.
Juttmeier, Frank D.....St. Louis, Mo.
Kadnar, Jacob Joseph, Jr.....St. Louis, Mo.
Keel, George W.....Peoria, Ill.
Keith, Brice Edward.....Dupou, Ill.
Kent, Herbert Edward.....Springfield, N. J.
Kerr, Homer Chalmers, Jr.....Rolla, Mo.
Kibler, Dewey Edward.....St. Louis, Mo.
Kimker, William Philip, Jr.....Kirkwood, Mo.
Kinnan, Roe B.....Carmi, Ill.
Kirk, Eugene Joseph.....Kansas City, Mo.



Kleberger
Kummer
Layman
Licata

Klobe
Kurtz
Laytham, E.
Light

Knobel
Laciny
Laytham, J.
Lomax

Knock
LaPetina
Lee
Lucido

Koetting
Laumand
Lentz
Ludwig

Koppelman
Law
Leponis
Luther

of 1951

Kleberger, Kenneth Alfred.....St. Louis, Mo.
Klobe, Jerry Sanford.....Perry County, Mo.
Knobel, Elwood Laurie.....Pacific, Mo.
Knock, Daniel Clyde, Jr.....Rolla, Mo.
Koetting, Jerome Daniel.....Kansas City, Mo.
Koppelman, Eldo K.....Union, Mo.
Kummer, Fred S.....Woodside, N. Y.
Kurtz, Peter, Jr.....Webster Groves, Mo.
Laciny, Lloyd Carl.....Glendale, Mo.
LaPetina, Leonard A.....Long Island, N. Y.
Laumand, Kenneth Joseph.....Brentwood, Mo.
Law, Leonard Whitney.....Rockport, Ill.

Layman, James W.....Springfield, Mo.
Laytham, Eugene Marshall.....St. Louis, Mo.
Laytham, John W., Jr.....St. Louis, Mo.
Lee, Roy E.....Flat River, Mo.
Lentz, Thomas H.....Collinsville, Ill.
Leponis, Andrew.....St. Louis, Mo.
Licata, Jack.....DuQuoin, Ill.
Light, Richard Lee.....Rolla, Mo.
Lomax, Wesley James.....Edwardsville, Ill.
Lucido, Peter Joseph.....St. Louis, Mo.
Ludwig, Maurice John.....Illmo, Ill.
Luther, Charles Leroy.....St. Louis, Mo.



Lynch
McIntyre
March, J.
Meskan

McAninch
McLeane
March, R.
Meyer

McBrayer
Mace
Marquis
Meyers

McClaire
Macke
Marshall
Michelotti

McCullah
MacZura
Martin
Moore

McDowell
Mangnall
Mertens
Morefield

Juniors

Lynch, Bobby Ross.....Alton, Ill.
McAninch Charles Harry.....St. Louis, Mo.
McBrayer, Jack R.....Benton, Ill.
McClaire, James David.....New Ross, Ind.
McCullan, Freeman P.....Springfield, Mo.
McDowell, Charles M.....Kaiser, Mo.
McIntyre, John F.....Washington, Mo.
McLeane, Robert Wassell.....St. Louis, Mo.
Mace, Bonard V.....Palace, Mo.
Macke, John George.....St. Louis, Mo.
MacZura, George.....St. Louis, Mo.
Mangnall, Tom E.....Richmond, Mo.

March, Joe Lawrence.....DeQueen, Ark.
March, Robert Calvin.....Kirkwood, Mo.
Marquis, Frank J.....Niagara Falls, N. Y.
Marshall, Donald Lewis.....Kennett, Mo.
Martin, Dan William.....Pittsburg, Kans.
Mertens, Howard R.....Flushing, N. Y.
Meskan, David Albert.....Chicago, Ill.
Meyer, John F.....St. Louis, Mo.
Meyers, William Grayson.....Rolla, Mo.
Michelotti, Joseph E.....Lansdowne, Pa.
Moore, Robert Eugene.....Bloomfield, Nebr.
Morefield, George Stewart.....DeKalb, Mo.



Morse
Neiheiser
Ordermann
Pawloski

Mueller
Neumann
Owens
Penick

Mulholland
Nolan
Parr
Penny

Murphy
Nutter
Palmer
Perret

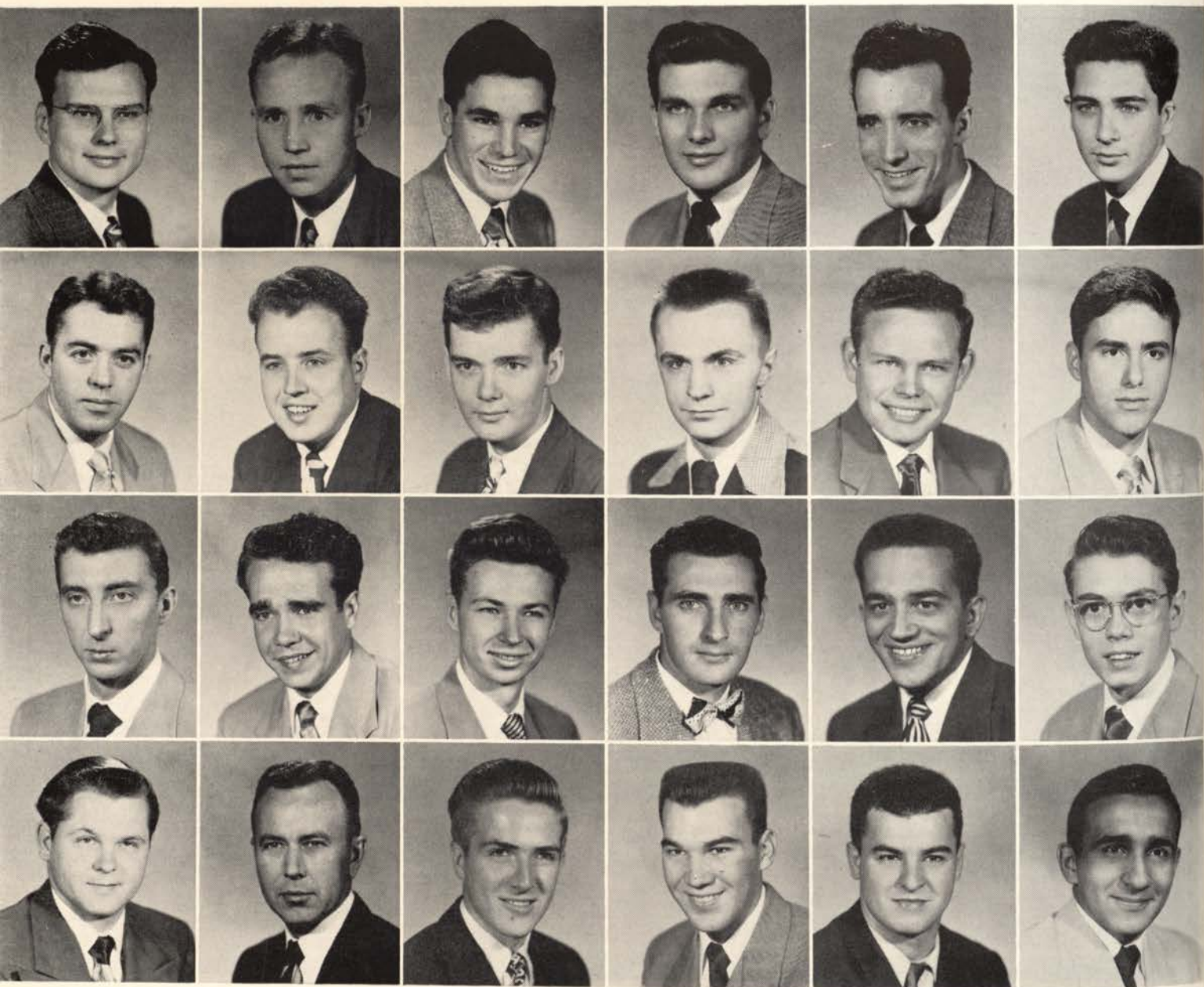
Myers
Obershelp
Pape
Pierson

Neal
Oliphant
Patton
Piper

of 1951

Morse, Robert Alan.....St. Louis, Mo.
Mueller, Donald Lester.....St. Louis, Mo.
Mulholland, John E.....Sparta, Ill.
Murphy, Joseph John.....Baldwin, N. Y.
Myers, Eugene William.....St. Joseph, Mo.
Neal, Charles Newton.....Rolla, Mo.
Neiheiser, Charles Louis.....St. Louis, Mo.
Neumann, Norbert F.....St. Louis, Mo.
Nolan, John Berry.....Rolla, Mo.
Nutter, Roy W.....Putnam, Conn.
Oberschelp, William F.....St. Louis, Mo.
Oliphant, Edgar, Jr.....Richmond, Mo.

Ordermann, Robert Geo.....Springfield, Ill.
Owens, Robert Jackson.....Trenton, Mo.
Paar, William A.....Jackson, Mo.
Palmer, George T., Jr.....Kansas City, Mo.
Pape, Earl Edward.....St. Louis, Mo.
Patton, Denver Stuart, Jr.....Norris City, Ill.
Pawloski, Bernard Louis.....Pittsburgh, Pa.
Penick, Marion Sylvester.....Irwin, Mo.
Penny, William M.....Clayton, Mo.
Perret, Alberto E.....Union de Reyes, Cuba
Pierson, Harold Lloyd.....Palestine, Ill.
Piper, Charles E.....Deerfield, Ill.



Potter
Quinn
Robenalt
Rothweiler

Prickett
Rafferty
Roberts
Rowden

Priest
Reeves
Robertson
Ruhl

Pulford
Reschetz
Robinson
Ruppert

Quick
Richey
Rodokakis
Sacks

Quinlan
Riley
Roster
Sanders, C.

Juniors

Potter, Vernon Carl.....Wichita, Kans.
Prickett, Lloyd C.....Thompsonville, Conn.
Priest, John Elwood.....Hannibal, Mo.
Pulford, William Miles.....St. Louis, Mo.
Quick, Thomas Edward.....Normandy, Mo.
Quinlan, Lawrence E.....St. Louis, Mo.
Quinn, Donald Joseph.....East Chicago, Ind.
Rafferty, Raymond F.....St. Louis, Mo.
Reeves, Ernest Joseph.....Bloomfield, N. J.
Reschetz, Raymond Rudy.....Evanston, Ill.
Richey, Clarence E.....Independence, Mo.
Riley, Jack Joseph.....Richmond Heights, Mo.

Robenalt, Dann Stewart.....Ottawa, O.
Roberts, Fred E., Jr.....Springfield, Ill.
Robertson, John Milton.....St. Louis, Mo.
Robinson, Paul Dave.....Rolla, Mo.
Rodokakis, Michael Steve.....Rolla, Mo.
Roster, Edward Lewis.....St. Clair, Mo.
Rothweiler, Charles E., Jr.....St. Louis, Mo.
Rowden, Herman Ralph.....Rolla, Mo.
Ruhl, James Frederick.....Springfield, Mo.
Ruppert, Theodore A.....Affton, Mo.
Sachs, Raymond James.....St. Louis, Mo.
Sanders, Connelly, Jr.....Tulsa, Okla.



Sanders, E.
Schmitt
Sheehan
Steele, J.

Schafer
Schneider
Shepard
Stegemeier

Schiene
Schoeppel
Smith
Stephens

Schiermeyer
Scott
Soehlke
Stevens

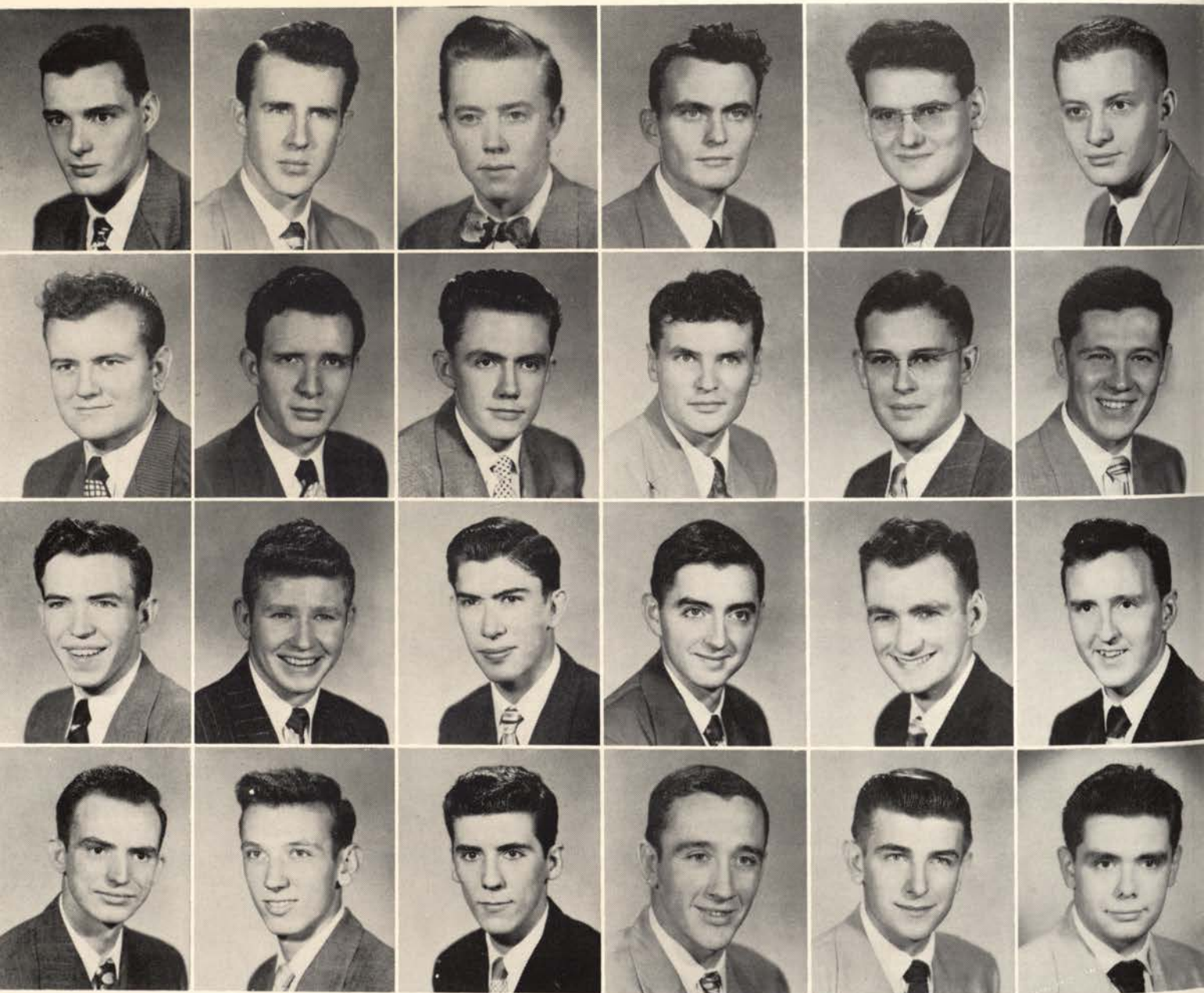
Schlingman
Scrivner
Spencer
Stewart, G.

Schmedel
Shaner
Steele, D.
Stewart, R.

of 1951

Sanders, Eugene F.....Webster Groves, Mo.
Schafer, Robert Philip.....Edwardsville, Ill.
Schiene, Quentin Joseph.....St. Louis, Mo.
Schiermeyer, Harry Joseph.....St. Louis, Mo.
Schlingman, Paul N.....St. Louis, Mo.
Schmedel, John Hiram.....St. Louis, Mo.
Schmitt, Donald Earl.....St. Louis, Mo.
Schneider, Samuel J.....St. Louis, Mo.
Schoeppel, Roger J.....Sparta, Ill.
Scott, Vernon Ray.....Poplar Bluff, Mo.
Schrivner, J. Roger.....St. Louis, Mo.
Shaner, Donald George.....St. Louis, Mo.

Sheehan, Maurice K.....Risco, Mo.
Shepard, Alberto Antonio.....Lima, Peru
Smith, Hugh Ferguson.....Palestine, Ill.
Soehlke, Richard G.....Edwardsville, Ill.
Spencer, Donald Webster.....Vandalia, Ill.
Steele, David Ingram.....West Plains, Mo.
Steele, John Oliver.....Jefferson City, Mo.
Stegemeier, George Leo.....Wood River, Ill.
Stephens, Jay Anthony.....St. Louis, Mo.
Stevens, Everett George.....St. Louis, Mo.
Stewart, Gene Edward.....Flat River, Mo.
Stewart, Robert Emery.....Logansport, Ind.



Stickle
Stovall
Tarr
Thrall

Stinger
Sullins
Taylor, C.
Tietjens

Stinson
Sundermeier
Taylor, E.
Tippit

Stites
Sutherland
Templeton
Tonking

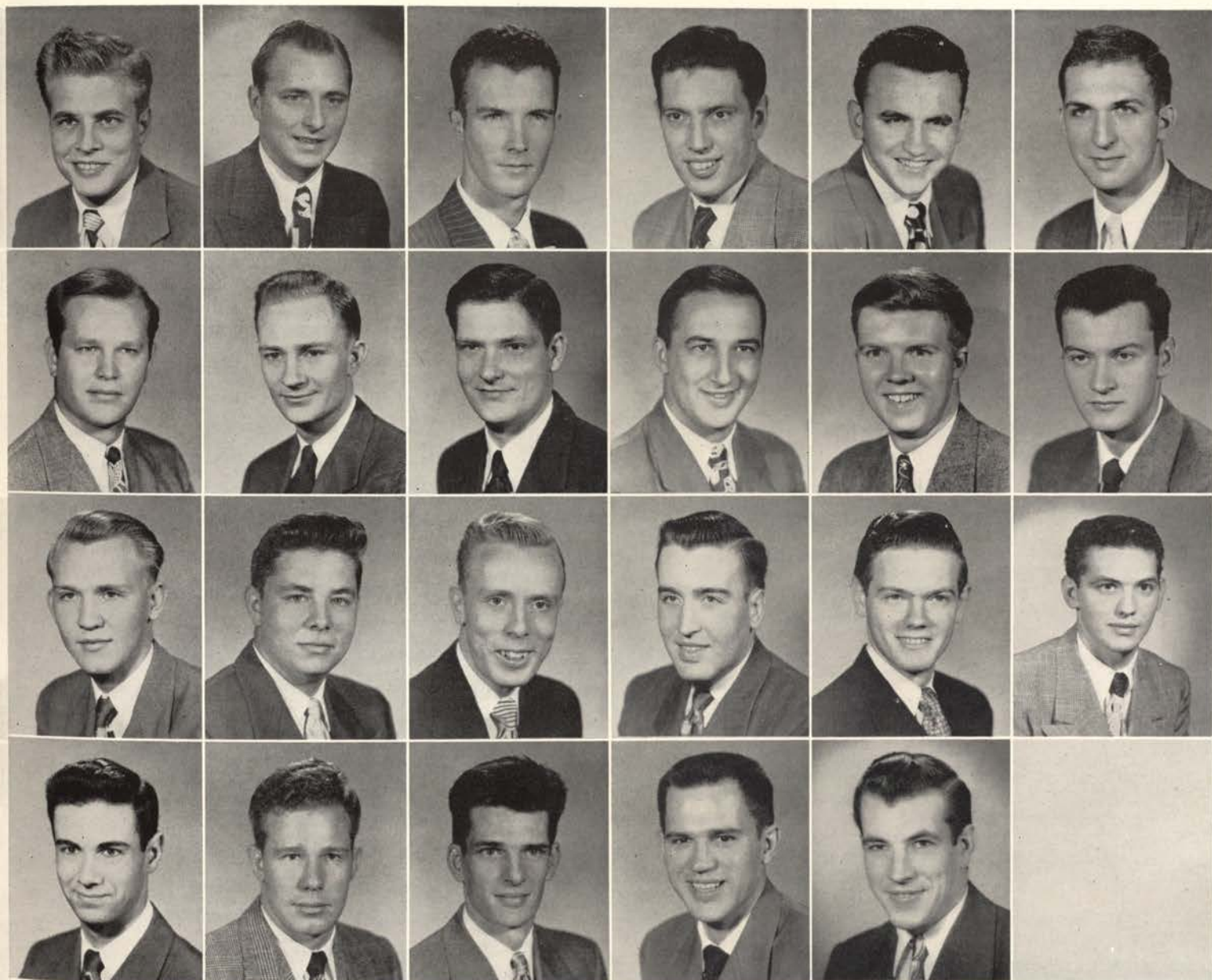
Stopevyc
Sweeney
Thompson, J. H.
Topel

Stott
Tankersley
Thompson, J. M.
Traversone

Juniors

Stickle, Dirck Best.....Rhinebeck, N. Y.
Stinger, Dale Wayne.....Mt. Vernon, Ia.
Stinson, Robert J.....St. Louis, Mo.
Stites, Wilbur Daniel.....Edgar Spring, Mo.
Stopkevyc, Waldemar Dmitro....Plaja, Nebr.
Stott, Merrill Lee.....Lebanon, Mo.
Stovall, Johnnie N.....Independence, Mo.
Sullins, Roy Edward.....Springfield, Mo.
Sundermeier, Ralph H.....St. Charles, Mo.
Sutherland, Robert George.....Sparta, Wisc.
Sweeney, James Robert.....Staunton, Ill.
Tankersley, William R.....Rolla, Mo.

Tarr, Clarence Michael.....Springfield, Ill.
Taylor, Cleo Eugene.....Shipman, Ill.
Taylor, Eugene Lee.....Blue Island, Ill.
Templeton, James Bradford....Florence, Ala.
Thompson, Jack Herrick.....Normandy, Mo.
Thompson, James Monroe.....Alden, Pa.
Thrall, Dewell Owen.....Joplin, Mo.
Tietjens, James Arthur.....St. Louis, Mo.
Tippit, Denvel Lee.....Joplin, Mo.
Tonking, Henry Hulshizer.....Dover, N. J.
Topel, Maurice Robert.....Gasconade, Mo.
Traversone, Frank J.....New York City, N. Y.



Unger
Varanouskas
Weiss
Wolfberg

Uthoff
Vawter
West
Wood

Van Bebber
Wagner
Westerman
Workman

Vance
Wahl
Westover
Zedalis

Vanderheyden
Wakefield
Wickey
Cantwell

Vanfossen
Wargo
Wiseman

of 1951

Unger, Walter H.....St. Louis, Mo.
Uthoff, Robert Fred.....Joliet, Ill.
Van Bebber, James A., Jr.....Rayville, Mo.
Vance, James F.....Midland Park, N. J.
Vanderheyden, Eugene T.....St. Louis, Mo.
Vanfossen, David Franklin.....East Alton, Ill.
Varanouskas, Joseph Paul.....Brooklyn, N. Y.
Vawter, James W.....Memphis, Tenn.
Wagner, Frederick R.....Sedalia, Mo.
Wahl, Ward Bryant.....Longmeadow, Mass.
Wakefield, Roger E.....Webster Groves, Mo.

Wargo, Joseph George.....Loami, Ill.
Weiss, Nicholas Mathias.....St. Louis, Mo.
West, Billy Bob.....Belleville, Mo.
Westerman, Howard W.....Wellington, Mo.
Westover, Harold Linn.....Farmington, Mo.
Wickey, Robert Oscar.....St. Louis, Mo.
Wiseman, David L.....St. Louis, Mo.
Wolfberg, Leonard Harold.....Joliet, Ill.
Wood, William Allen.....Salem, Ill.
Workman, Raymond J.....Moorestown, N. J.
Zedalis, John Paul.....Collinsville, Ill.
Cantwell, Rodney Spencer.....Bucklin, Mo.

Juniors

Allison, Walter Hearst.....St. James, Mo.
 Arfman, Robert William.....Rolla, Mo.
 Autorina, Joseph V.....New Rochelle, N. Y.
 Berry, Charles A.....Mamaroneck, N. Y.
 Blackmon, Paul H.....Doniphan, Mo.
 Blevins, Hugh Engle, Jr.....Little Rock, Ark.
 Bock, George Henry.....St. Louis, Mo.
 Boyasko, Wm. Raymond.....Brooklyn, N. Y.
 Boyd, Marrin Wayne.....Joplin, Mo.
 Burdick, Richard Lewis.....Webb City, Mo.
 Burgett, Max Austin.....Rolla, Mo.
 Campos Netto, Raymundo P. De S.
 Rio de Janeiro, Brazil
 Carlson, Leonard Carl.....Mt. Vernon, N. Y.
 Carroll, Helen Frances.....Rolla, Mo.
 Christiansen, Kurt John.....St. Louis, Mo.
 Conci, Frank B.....Benton, Ill.
 Coury, Robert Byrd.....Newburg, Mo.
 Crabtree, Barnett Oaka.....Mt. Sterling, Ill.
 DeLucca, Michael, Jr.....Plainfield, N. J.
 Demarco, Julio G.....Buenos Aires, Argentina
 Dempsey, William Sherman.....Rolla, Mo.
 Dermossett, Virgil, Jr.....Bolivar, Mo.
 Dill, Earl Robb.....St. Louis, Mo.
 Doerr, Earnie, Jr.....Jennings, Mo.
 Dunlap, Ervin D.....Smyrna, Tenn.
 Durham, Robert Singleton.....Fort Smith, Ark.
 Dye, Lawrence William.....Rolla, Mo.
 Eichenberger, Thomas L.....Herculaneum, Mo.
 Faulkner, James R.....Rolla, Mo.
 Finklang, John Walter.....St. Louis, Mo.
 Fisher, Robert Burn, Jr.....Rolla, Mo.

Flegel, Russell.....Little Rock, Ark.
 Fletcher, Henry Richard.....N. Bergen, N. J.
 Foster, Charles Thomas.....East St. Louis, Ill.
 Freebersyser, George J.....St. Louis, Mo.
 Gale, Joseph Marvin.....Gorham, Ill.
 Gereau, Kenneth Joseph.....St. Louis, Mo.
 Gioseffi, Nicholas Joseph.....Harrison, N. Y.
 Grady, Robert F.....Mason City, Ia.
 Hackmann, Wilmer Alwin.....St. Charles, Mo.
 Hall, James Clarence.....Little Rock, Ark.
 Hargraves, George Edward.....Coella, Ill.
 Herrgesell, Francis P.....New Rochelle, N. Y.
 Hockenbury, Melvin C.....Asbury Park, N. J.
 Howe, Bernard F.....Webster Groves, Mo.
 Humphries, Richard M.....St. Louis, Mo.
 Jankowski, Edward J.....Washington, Ill.
 Jensen, Gunther T.....Brooklyn, N. Y.
 Jokisch, Arthur William.....St. Louis, Mo.
 Jones, John L.....Robertson, Mo.
 Justice, LeRoy.....Justice, West Va.
 Kalile, Edmund P.....Fennimore, Wisc.
 Keil, Byron L.....Springfield, Ill.
 Keller, Russell M.....Maluerne, N. J.
 King, Gerald S.....Lincoln, Ill.
 Klein, Fred A.....St. Louis, Mo.
 Knauel, Edward R.....Edwardsville, Ill.
 Knopf, Eugene George.....Cliffside Park, N. J.
 Koederitz, Thomas L.....St. Louis, Mo.
 Kulig, A. Dennis.....Passaic, N. J.
 Lassa, Walter Leonard.....St. Louis, Mo.
 Le Fevre, Merle Earl.....Mound City, Ill.

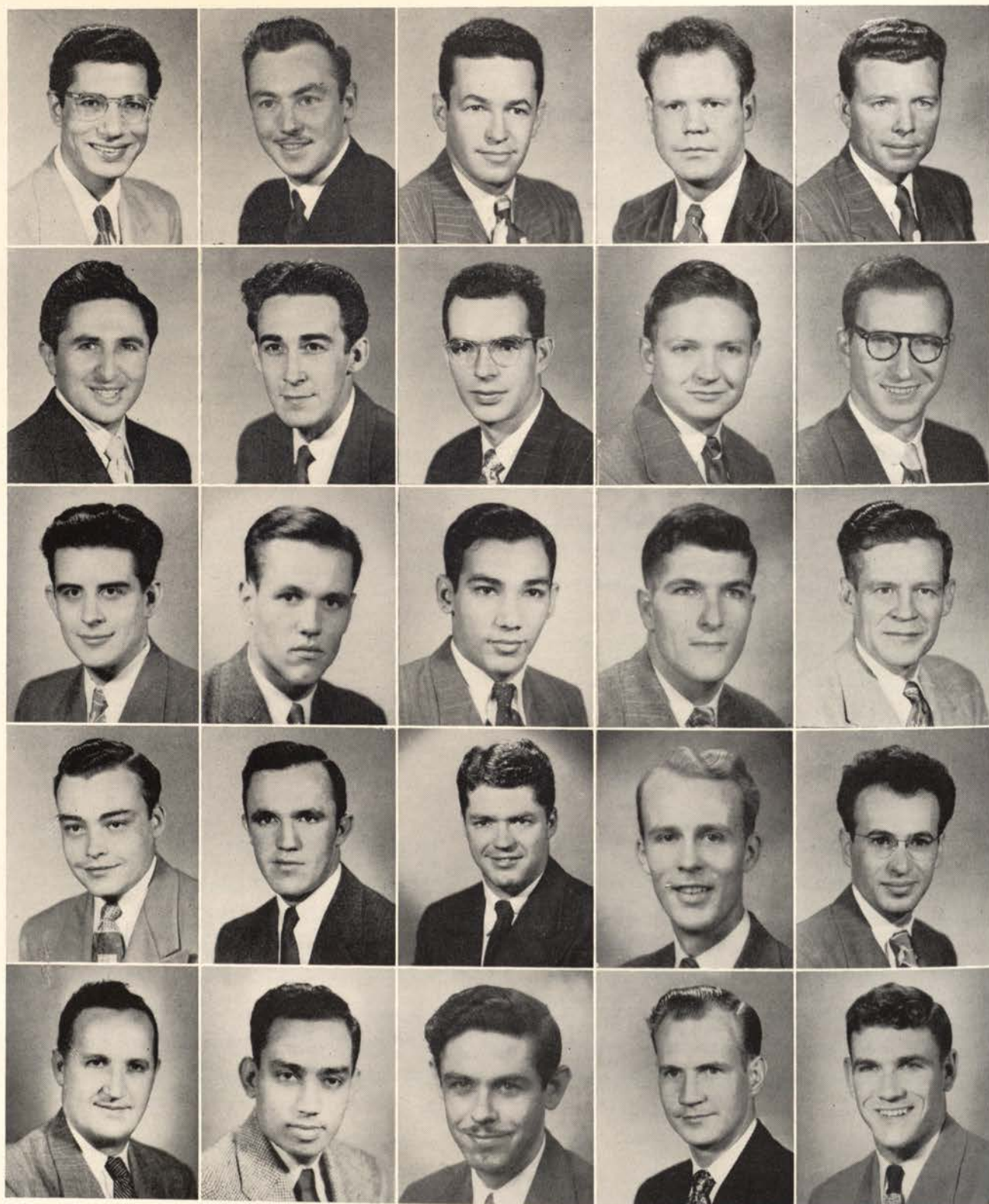
Lonergan, Walter D.....Jacksonville, Ill.
 Lush, Rolla Smith.....Omaha, Nebr.
 Lutz, Norman Richard.....Aldau, Pa.
 McCullough, Hubert W.....St. Louis, Mo.
 McMasters, Richard Norman.....St. Louis, Mo.
 Madelung, Robert R.....Deron, Conn.
 Madison, Robert T.....Crystal City, Mo.
 Mahoney, Charles Thos.....Needham, Mass.
 Martin, Lewis Chesley.....Newburg, Kans.
 Menke, Gregory V.....St. Louis, Mo.
 Miller, Browning John.....St. Louis, Mo.
 Miller, Herbert Eugene.....Rolla, Mo.
 Mitchum, Martin M.....Rolla, Mo.
 Moy, Hong Shu.....New York, N. Y.
 Osbourne, Claude James.....Necsho, Mo.
 Pohlman, Roland L.....Overland, Mo.
 Quatraro, Wm. D.....Rockville Center, N. Y.
 Rafalowski, Stanley A.....Clayton, Mo.
 Reyes, Mauricio.....Bogota, Colombia
 Rumsey, Donald Austin.....Albany, N. Y.
 Saviola, Hugo P.....Buffalo, N. Y.
 Schlesing, Darwin Bedford.....St. Louis, Mo.
 Schloemer, Thomas Davis.....Rolla, Mo.
 Scholes, William W.....Granby, Mo.
 Sigler, Charles Earl.....Newton, Kans.
 Smith, James Robert.....St. Louis, Mo.
 Stark, Edward Truman.....Norton, Mass.
 Stevens, Richard H.....Niagara Falls, N. Y.
 Swenson, Ernest Leroy.....Keokuk, Ia.
 Tempelmeyer, Kenneth E.....St. Louis, Mo.
 Thompson, James Edward.....St. Louis, Mo.

Turnipseed, M. J.....Poteau, Okla.
 Ulz, William C.....Gillespie, Ill.
 Vaughn, Eugene William.....St. Louis, Mo.
 Videki, Edwin Raymond.....Elmsford, N. Y.
 Vielhage, Robert Paul.....Springfield, Mo.
 Walizer, James Edward.....Pittsburg, Kans.
 Watkins, Joseph Sidney.....Flat River, Mo.
 Watson, Ronald Richard.....Joplin, Mo.
 Wenzel, George A.....Webster Groves, Mo.
 Wilcox, William R.....Alliance, O.
 Wilkes, James Roy.....Sardis, Miss.
 Wong, Arthur Sun.....Brooklyn, N. Y.
 Young, William Lyle.....Buffalo, N. Y.
 Zachelmeyer, Norman P.....Chicago, Ill.
 Zang, Richard Darrell.....St. Louis, Mo.
 Zenik, William John.....Granite City, Ill.

THESE STUDENTS ENTERED IN FEBRUARY

Cushman, Stanley Raymond.....Beloit, Wisc.
 Friederich, Garland Carl.....St. Louis, Mo.
 Heimbach, Charles Myron.....Sparta, Ill.
 Hutchinson, Leight.....Rolla, Mo.
 Laubach, Eugene M.....Little Rock, Ark.
 McCammon, Donald P.....St. Joseph, Mo.
 McKee, David Benson.....Springfield, Mo.
 Schoenbeck, Robert H.....Staughton, Wisc.
 Wahl, Ward Bryant.....Longmeadow, Mass.
 Weinland, Harold Albert.....Rolla, Mo.
 Yager, Orville T., Jr.....Rhinebeck, N. Y.

Graduate Students



Aka
Dakuzoglu
Hall
Lilienkamp
Ponder

Billinghurst
Dickinson
Hillhouse
Luetjen
Sedalia

Bowkley
Dotson
Irani
McKinney
Watz

Burke
Drake
Langston
Mueller
Wheelock

Crumpton
Falk
Lay
Ocal
Williams

Graduate Students

Absalom, John S.....Rolla, Mo.
 Aka, Esrefettin.....Ankara, Turkey
 Aker, Hasan.....Ankara, Turkey
 Anderson, David King.....Rolla, Mo.
 Angermann, William Joseph.....Rolla, Mo.
 Anthony, Palmer Lee.....Rolla, Mo.
 Aybay, Sahap Sakip.....Turgutlu, Turkey
 Barsachs, Edwin H.....St. Louis, Mo.
 Barton, John R.....Rolla, Mo.
 Basakinci, Kurt R.....Istanbul, Turkey
 Benedict, Glen Eugene.....Caldwell, Ida.
 Bever, Raymond Huston.....Cairo, Ill.
 Bilgeer, Mehmet E.....Izmir, Turkey
 Billingham, William.....Wanganui, N. Z.
 Blade, Lawrence V.....Rolla, Mo.
 Boeckman, George O.....Rolla, Mo.
 Bogantes, Marco.....Almirante, Panama
 Bolay, Moris.....Istanbul, Turkey
 Bowkley, Herbert L.....Califoy, N. J.
 Bradford, Samuel A.....Rolla, Mo.
 Brezewski, Robert F.....Rolla, Mo.
 Burke, Robert F.....Rolla, Mo.
 Cathcart, Raymond F.....Rolla, Mo.
 Chamberlain, William C.....Rolla, Mo.
 Choate, Robert L.....Metropolis, Ill.
 Claunch, Terrell C.....Rolla, Mo.
 Collins, William W.....Rolla, Mo.
 Cooper, James D.....Rolla, Mo.
 Cornwall, Richard R.....Webster Groves, Mo.
 Cox, Delbert R.....Rolla, Mo.
 Crocker, Hilbert W.....Wood River, Ill.
 Cromer, Charles F.....Doe Run, Mo.
 Cronk, Robert Joe.....Rosiclare, Ill.
 Crumpton, Rusian P.....Bessemer, Ala.
 Cummings, William.....Bethany, Mo.
 Davis, Charles M.....Rolla, Mo.
 Dean, Donald Lee.....Rolla, Mo.
 Dickinson, Daniel R.....Rolla, Mo.
 Digorgio, James.....New York, N. Y.
 Dillender, George, Jr.....Alton, Ill.
 Dokuzoglu, Hilmi.....Haday, Turkey
 Donovan, William.....Omaha, Nebr.
 Dotson, Jay Carrith.....Coldwater, Ohio
 Drake, Avery.....Rolla, Mo.
 Duncan, Richard H.....Rolla, Mo.
 Emery, John A.....Rolla, Mo.
 Falk, Irving C.....Rolla, Mo.
 Frad, William A.....Iowa City, Ia.
 Frank, Kurt G.....Lemay, Mo.
 Gandhi, Chamdrakant.....Bombay, India
 Gevecker, Vernon.....Rolla, Mo.
 Gill, C. B.....Sudbury, Canada

Gimbrone, George.....Rolla, Mo.
 Graham, Walter.....Rolla, Mo.
 Gray, Ivan Lee.....Rolla, Mo.
 Grigoriadis, Emilios.....Istanbul, Turkey
 Halcomb, Samuel P.....Rolla, Mo.
 Hall, Roy E.....Rolla, Mo.
 Hillhouse, David L.....Rolla, Mo.
 Hofer, Leland Scott.....Skidmore, Mo.
 Horst, William E.....Kirkwood, Mo.
 Irani, Keki K.....Bombay, India
 Jackson, Earl E.....Rolla, Mo.
 James, Jack A.....Rolla, Mo.
 Jones, Wilburn C.....Sturgis, Ky.
 Keating, Kenneth L.....Rolla, Mo.
 Kelly, Robert E.....Cape Girardeau, Mo.
 Khaw, Kon-Hock.....Bassein, Burma
 Krause, Arthur M.....Albany, N. Y.
 Langston, Merritt E.....Peoria, Ill.
 Lay, Osmand K.....St. Louis, Mo.
 Lilienkamp, Ralph H.....St. Louis, Mo.
 Wetjen, Hulen H.....Smithton, Mo.
 McCarthy, John.....Rolla, Mo.
 McKee, William D.....Rolla, Mo.
 McKinnell, William P.....Springfield, Mo.
 McKinney, John David.....Bellevue, Mo.
 Ma, Ching-Hou.....Tungyang, China
 Maheshwary, Ved P.....Meerut, India
 Martin, Arliss V.....Salem, Mo.
 Martin, Rex I.....Rolla, Mo.
 Matthaui, Richard.....Rolla, Mo.
 May, John E.....Valley Stream, N. Y.
 Merts, Athel L.....Rolla, Mo.
 Middour, Eldridge S.....Rolla, Mo.
 Miller, Daniel N.....Ferguson, Mo.
 Miller, Robert John.....Mercer, Wisc.
 Mueller, Harold E.....Rolla, Mo.
 Nackowski, Matthew P.....Rolla, Mo.
 Nelson, Harvey P.....Rolla, Mo.
 Nelson, Leonard C.....Rolla, Mo.
 Nunez, Howard W.....Rolla, Mo.
 Ocal, Durmus.....Kirikhan, Turkey
 Ogretmenoglu, Vahram S.....Medford, Mass.
 Orlansky, Ralph.....Rolla, Mo.
 Ostrofsky, Irving.....New York, N. Y.
 Ponder, Robert M.....El Dorado, Ark.
 Reed, Charles Orlando.....Troy, Ill.
 Rowton, Richard L.....Springfield, Mo.
 Rupecht, William J.....Rolla, Mo.
 Rushford, Wilson H.....Windsor, Mo.
 Sarapuu, Erich.....Pleasanton, Kans.
 Savu, August R.....St. Louis, Mo.

Schowalter, Ralph Emerson.....Rolla, Mo.
 Schratwieser, John C.....E. Rockaway, N. Y.
 Searcy, James K.....Rolla, Mo.
 Sedalia, Bhikhubhai M.....Bombay, India
 Senne, Joseph H., Jr.....Rolla, Mo.
 Serafini, Guy, Jr.....Jasper, Mo.
 Shearrow, George G.....Rolla, Mo.
 Sheth, Pranlai G.....Bombay, India
 Shih, Sheng Tai.....Wuchang, China
 Shulze, Charles E.....Rolla, Mo.
 Sinnamon, Gerald F.....Rolla, Mo.
 Skiles, James J.....Rolla, Mo.
 Snell, Robert L.....El Dorado Springs, Mo.
 Stallman, Ralph A.....Affton, Mo.
 Taylor, Langdon B.....Rolla, Mo.
 Thune, Howard W.....Rolla, Mo.
 Toomey, John B.....Rolla, Mo.
 Trace, James J.....Crystal City, Mo.
 Theodorides, Stavre.....Ankara, Turkey
 Thompson, Homer F.....Rolla, Mo.
 Uzunoglu, Vasil.....Istanbul, Turkey
 Vine, William A.....Rolla, Mo.
 Wang, Yen-Ngen.....Wuchang, China
 Wagner, George H.....Rolla, Mo.
 Wenneborg, William Z.....Rolla, Mo.
 Wheelock, Leroy K.....Sioux City, Ia.
 Williams, Dean N.....Belle Plaine, Ia.
 Williams, John C.....Rolla, Mo.
 Winston, John S.....Rolla, Mo.
 Wolk, Norman B.....Newburg, Mo.
 Woodie, Roy George.....Springfield, Mo.
 Yali, Cevat H.....Istanbul, Turkey

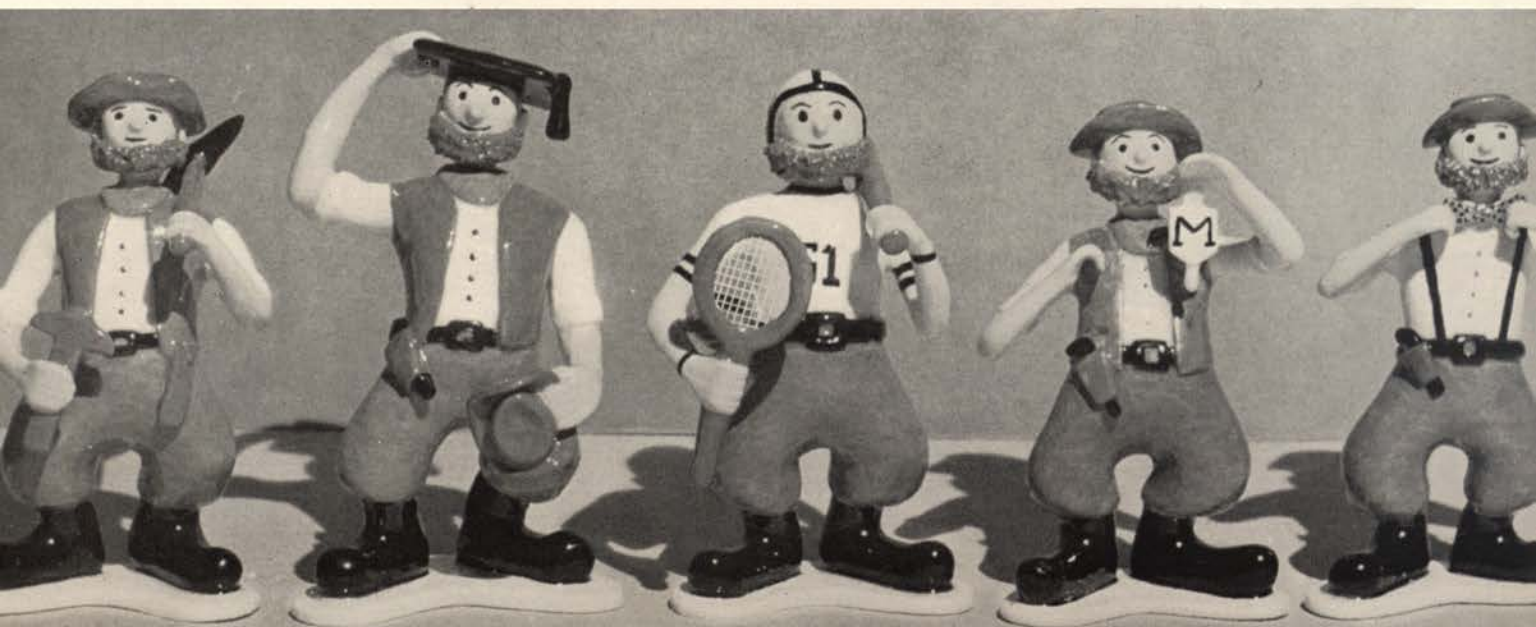
THESE STUDENTS ENTERED IN FEBRUARY

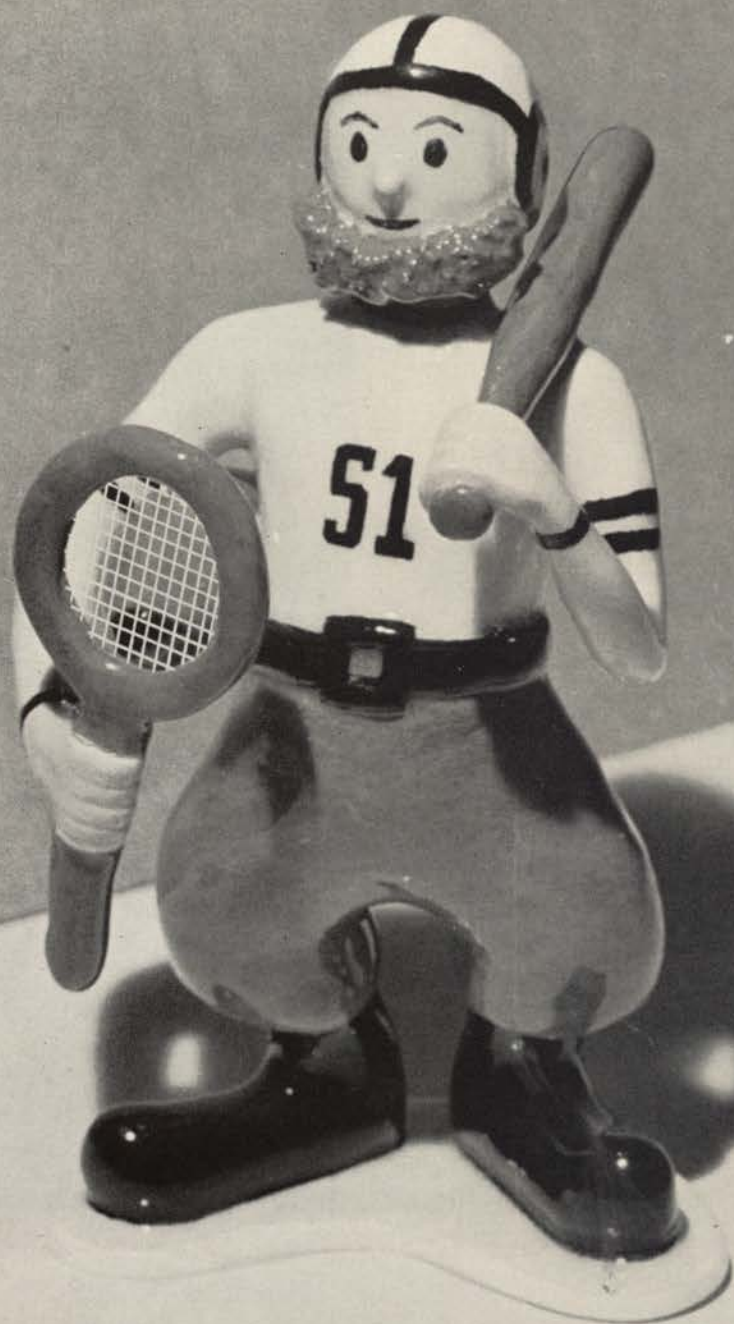
Aker, Hasa Orhan.....Ankara, Turkey
 Byrd, Lloyd E.....St. Louis, Mo.
 Clark, John William, Jr.....Centralia, Ill.
 Cohen, Bernard.....Brooklyn, N. Y.
 Guinnup, Gordon Richard.....Rolla, Mo.
 Higgs, William Reginald.....Tuscaloosa, Ala.
 Moy, Harry.....Bridgeport, Conn.
 Roberts, Jasper Ken.....Rolla, Mo.
 Ross, Leroy E., Jr.....Concord, N. H.
 Savu, August Robert.....St. Louis, Mo.
 Tangri, Krishan Kumar.....New Delhi, India
 Young, Charles, Jr.....Rolla, Mo.

LOOKS like Joe is out to literally set the athletic world on fire. We certainly like to see that Joe, and we sure appreciate all the time you spend and the effort you expend. We all wish we could find the time to break away from those ever-present studies and do something for the school which is doing so much for us.

Good luck, Joe, and we hope that you and M.S.M. continue to win as in the past.

Sports







GALE BULLMAN
 Department Chairman
 Associate Professor of Physical Education, 1937, 1949.
 A.B. 1925, West Virginia Wesleyan; LL.B. 1929, Washington.



Jackling Gym

Athletic Department

Sports have always played a necessary and important part in college life, and M.S.M. is no exception in this respect.

In tough M.I.A.A. competition, Miner teams have established a reputation for fight and determination to win, and much of the credit for this must go to the members of the athletic staff.



DEWEY ALLGOOD
Instructor in Physical Education, 1950.
B.S. North Dakota State College, 1947; B.A. Colorado
State College, 1949.



BARNARD, CHESTER S., Instructor in Physical Education, 1946. B.S. 1920, Southwest Missouri State College; M.S. 1940, West Virginia Wesleyan.

Head Coach Gale Bullman needs little introduction. His football and track teams have compiled records which speak more than adequately in his behalf. Dewey Allgood, who this year replaced Ben Douglas as basketball coach, together with Chester Barnard of the swimming team, John Steinmeyer, golf coach, and Ray Morgan, tennis coach, round out the staff.

The activities of the non-varsity men are not forgotten, however, and this same group supervises the intramural sports program, which extends through the year and is no small item in itself. This staff has done their job well, and in so doing they have earned the respect and admiration of the entire student body.

That's the way to block.





End of the play.

Varsity Football

Combine Gale Bullman's superb coaching genius, his very capable assistants, and a hard-fighting squad of Miner Engineers and you have the Missouri Intercollegiate Athletic Association Conference champions, the M.S.M. Miners.

This year in Miner gridiron history may be proclaimed the most successful one since 1914. The Miners broke a 35-year-old jinx by defeating the Washington U. Bears for the first time since then. This is the second straight year that Rolla has taken the conference crown. It is the first time a Miner eleven has participated in a Bowl game, this year playing in the Corn Bowl game against Illinois Normal. The Miners won, 7-6. Also, the Associated Press picked four men, Tietjens, Rommerman, Thurston, and Kwadas, for the All-Star first team, and four other men, Weinell, Theiss, Huffman, and Wohler, for the second team. Honorable mention was given to Beverage, Anderson, Wilson, Schoepel, and Dowling. The United Press chose to place on its All-Conference team Beverage, Rommerman, Huffman, and Kwadas on the first squad, with Weinell, Anderson, and Dowling on the second team. The latter two men were the co-captains the past season. Gene Huffman was rated the best back in the conference.

All in all it was a most successful season for the Engineers, but what

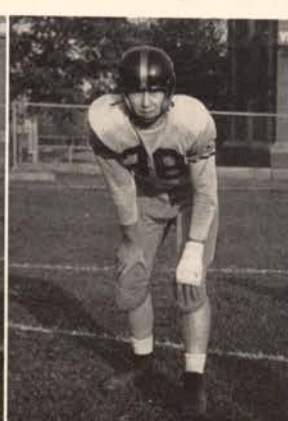
Huffman, Back
Thurston, Guard

Koedding, Back
Bock, Guard

M. Smith, End
R. Roemmerman, Guard

Theiss, Tackle
Kimball, End

Scholl, Back
Jehlen, Center



may be the outcome next year is hard to tell with Uncle Sam calling up many reserves for his own team.

MINERS 26, Pittsburg (Kans.) 7

The opening game of the season proved indicative of the power the league-leading Miner team was to display throughout the season. Except for a short time in the first quarter and a brief moment in the last quarter, when Pittsburg made its only score, the Miner defense did not yield past their own 40-yard line.

MINERS 34, Washington U. 19

For the first time in 35 years of traditional rivalry, the Miners left Francis Field at Washington U. with the most coveted victory of the season. The M.S.M. gridmen totaled 345 yards to 210 yards for the Bears, as a crowd of about 8000 spectators watched one of the best grid representatives ever to come from Rolla smash its way down the field for five touchdowns. After having trouble in the first quarter the Miners were sparked by defensive center Roger Schoeppel's 80-yard pass interception TD run. Two minutes later Gene Huffman carried the ball over for the second touchdown. Washington U. came back strong in the second half to get their second and third touchdowns in the third quarter, but quarterback Williams let loose a devastating air attack, making two touchdown passes and leading the team to victory.



Keep cutting, Gene.

Varsity Football

Procter, Back
Hample, Back

Matson, Back
Weinel, Tackle

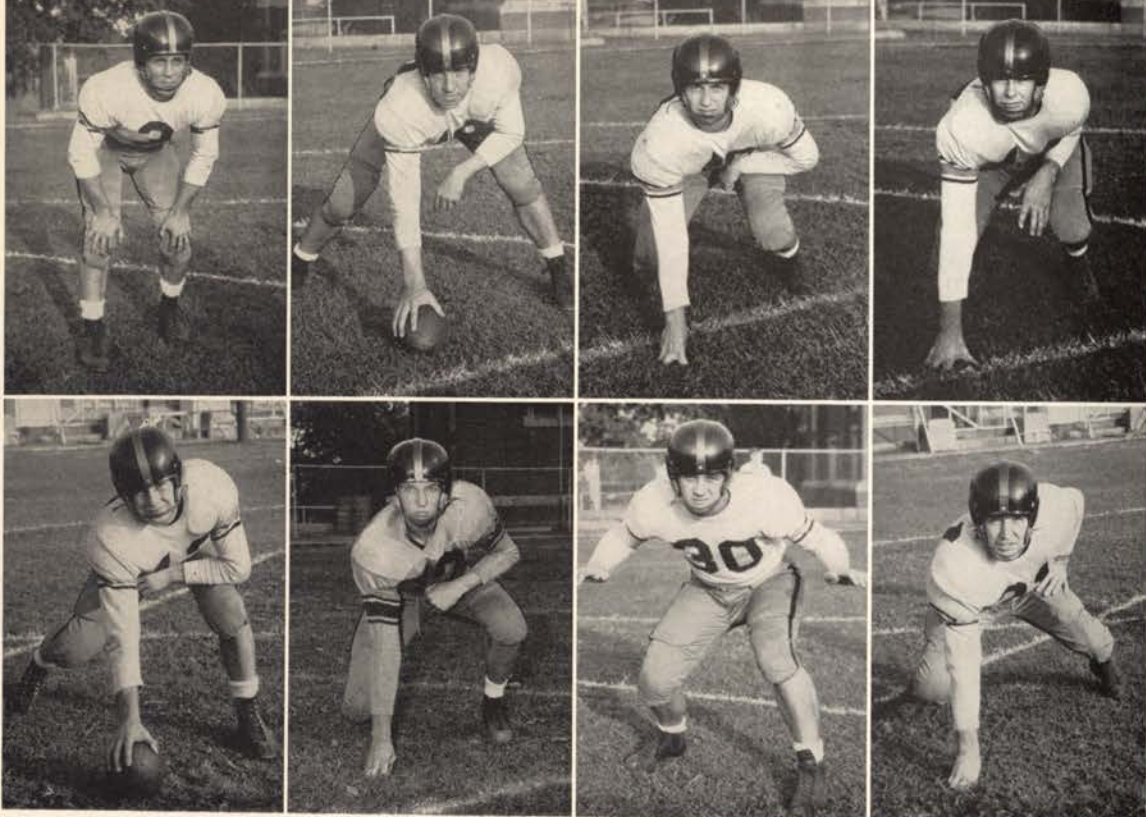
Morris, End
Koederitz, Back

Anderson, Guard
Vanfossen, Tackle

Schoeppel, Center
Rucker, End



Moeller, Back
 Blancke, Center
 Tolle, End
 Hooke, End



Ruppert, Center
 Tietjens, End
 Beverage, Tackle
 Neal, Guard

Murray State 21, MINERS 0

The first defeat of the season was handed out by a very powerful Murray split-T formation. Lacking first-string veterans Huffman and Kennedy, the Miners just couldn't click against the brick wall defense of the Murray Thoroughbreds.

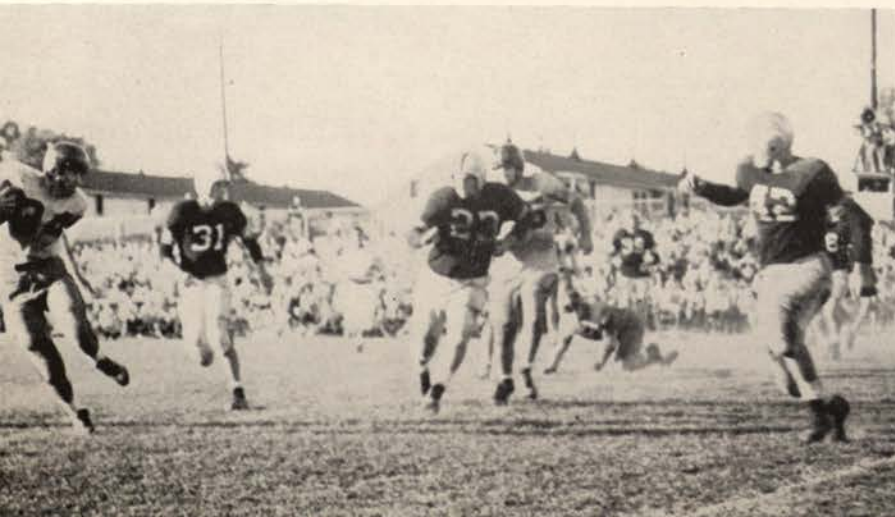
MINERS 14, Maryville 0

As a rain-soaked Parents' Day crowd looked on, the Miners made their conference debut by shutting out the Bearcats in a fine display of their two-platoon system. The two touchdowns were made in the second and fourth quarters by Tietjens and Kwadas, respectively.

MINERS 32, Warrensburg 13

Expecting to see a tough eleven in the Mules because of five undefeated starts, the M.S.M. squad journeyed to Warrensburg prepared and ready to meet any kind of action. With Ed Kwadas and Alden Williams sparking the Miner offense, Rolla continually marched down the field to beat the Mules in a decisive 32-13 victory.

Beginning of a long run.



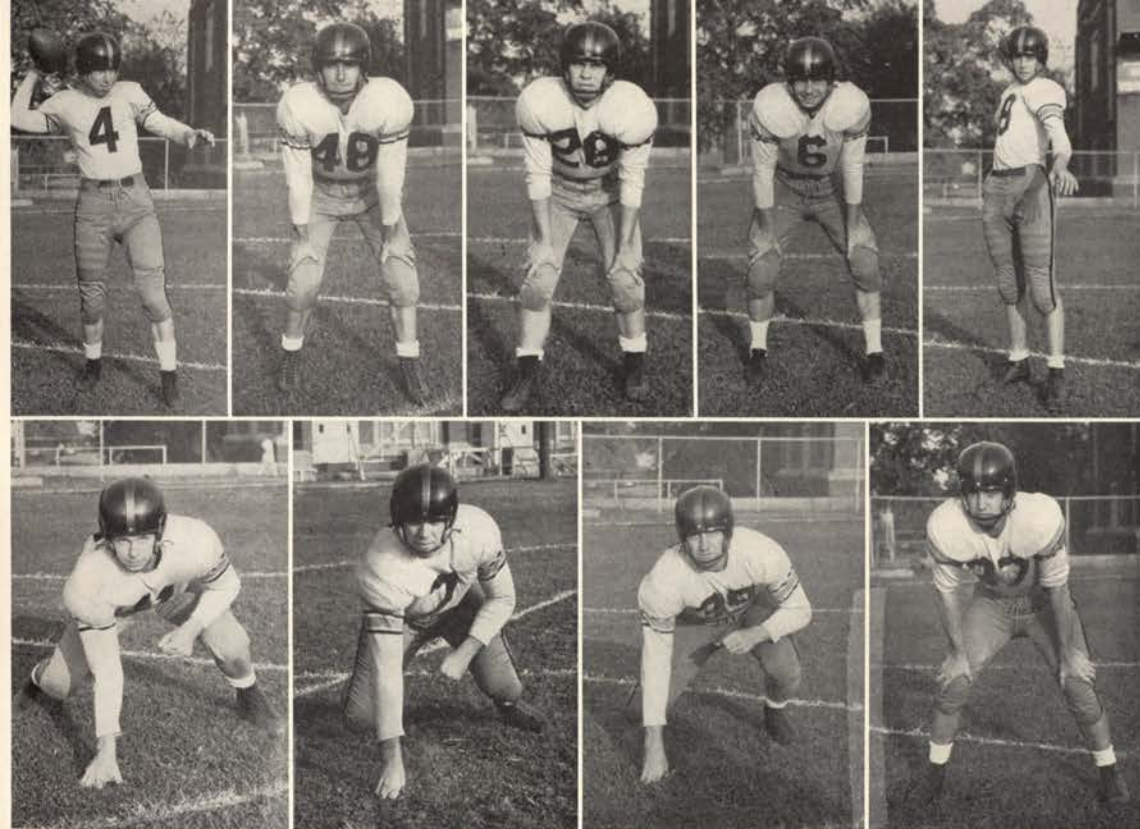
Varsity

MINERS 47, Kirksville 7

Gale Bullman's charges again showed their conquering potency as they routed the Kirksville team in a free-scoring Miner festival at Jackling Field. The Bulldogs could never get going, giving the Miners an easy time in their second conference victory of the season.

MINERS 35, Springfield 34

In a thrilling seesaw battle that held 60 minutes of action-packed football, M.S.M. clinched the title in the last minute of the game. The two teams fought a battle to the end with a homecoming crowd of 5000 enthusiastic spectators, fired almost to hysterics, watching, as the Miners made up a deficit which read 0-20 at the half. In the second half a fighting Miner team came back to victory. Williams did a fine job of quarterbacking the team and scoring two touchdowns. Bill Wohler did a fine job too, kicking five consecutive conversions, which were eventually the deciding factors.



Williams, Back
Weitzel, Back
R. Wilson, Back
Kwadas, Back
Bullman, Back

Bennett, Tackle
Jones, End
Ulz, Tackle
Wohlert, Back

Football

Cape Girardeau 7, MINERS 6

In this game the Engineers suffered their only defeat in conference play. Making more than twice as many first downs and gaining twice as much yardage as the Indians, the Miners just couldn't reach pay dirt at rain-soaked Houck Stadium in Cape. Huffman made the made the only score for the Miners, with a Williams to Tietjens TD pass called back on a holding penalty.

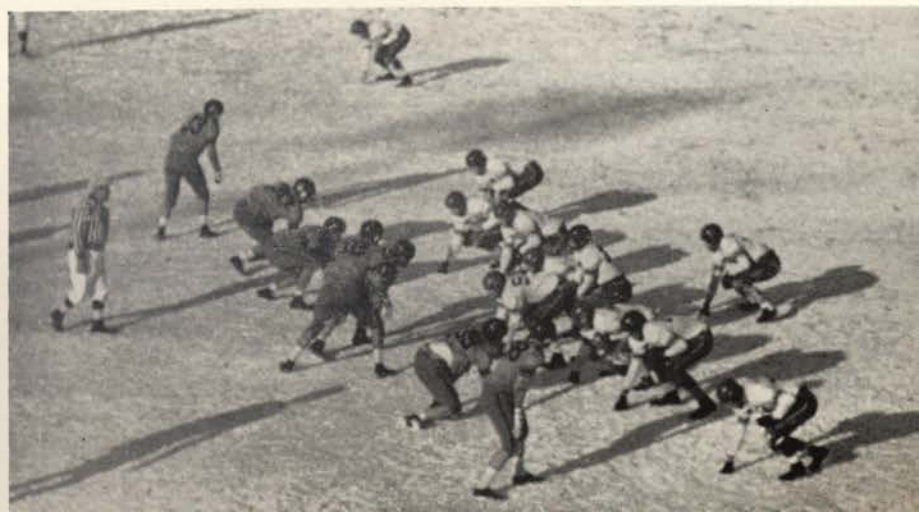
MINERS 7, Illinois Normal 6

Thanksgiving Day of 1950 can be considered a memorable day for the Miner gridders as the team journeyed to Bloomington, Illinois, to compete in their first bowl game. Playing in a frigid ice and snow-blanketed Corn Bowl against Illinois Normal, the Miners proved their championship caliber by being quick to capitalize on several breaks, with Kwadas crashing through the Normal line for five slippery yards to score the Miners' only touchdown. Bill Wohlert made the last conversion of his college career.

M.I.A.A. STANDINGS

Team	Won	Tied	Lost
M.S.M.	4	0	1
Springfield	3	1	1
Warrensburg	3	0	2
Kirkville	1	2	2
Maryville	1	1	3
Cape Girardeau	1	0	4

Corn Bowl.



Varsity Basketball

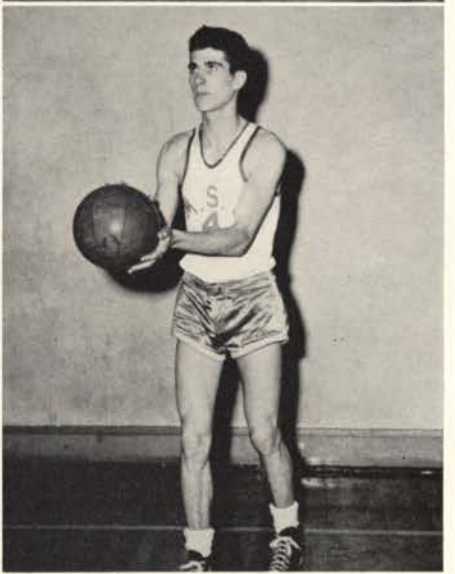
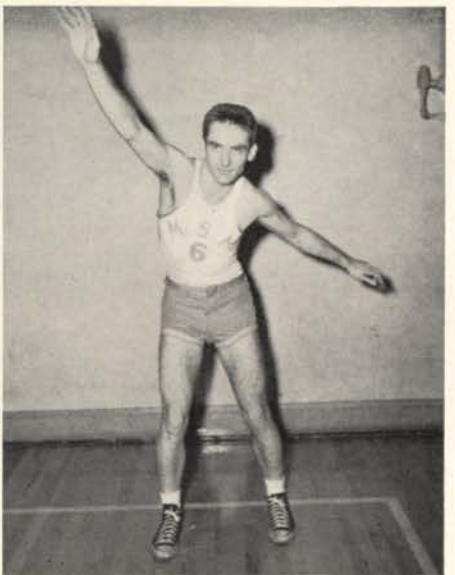


FIRST ROW: Jenkins, Hensen, Burns, Faulkner. SECOND ROW: Coach Allgood, Huffman, Abendroth, Watson, Smith.

M.I.A.A. STANDINGS

Team	Won	Lost
Warrensburg	8	2
Springfield	7	3
Maryville	6	4
Kirksville	4	6
Cape Girardeau	3	7
M.S.M.	2	8

Varsity Basketball



Burns, Guard
Smith, Forward
Jenkins, Guard

Watson, Center
Coach Algood
Abendroth, Center

Huffman, Guard
Faulkner, Forward
Henson, Guard

Varsity

The Miners' basketball record for the 1950-51 season was not a very impressive one. Although the team did manage to finish the conference race in fifth place, they had only three wins all season. Two of these three were over the Cape Girardeau Indians, the only team to finish below the M.S.M. squad.

Perhaps this poor record is due to the heavy scholastic schedule which the students at this school must carry in comparison to the somewhat lighter schedules of the other teams in the conference.

Opening at home November 28, the squad was beaten by a more experienced Westminster quintet from Fulton, 62-38.

Experimenting with various combinations in an effort to find one that could work together well, Coach Allgood's boys came out on the short end of the score against Washington University of St. Louis, Concordia Seminary, Shurtleff College, Drury College, and Westminster again, before slipping past Cape Girardeau, 62-60, for their first win of the season. The team looked good in this, their first conference game of the season. For a few brief days it looked as if the doubts and uncertainties that had hung over the team might be banished and that a conference contender would emerge. This illusion was shattered when the boys came back from their Christmas vacations and met the Maryville Wildcats. The 'Cats knocked the Miners off the top rung of the conference ladder



Basketball

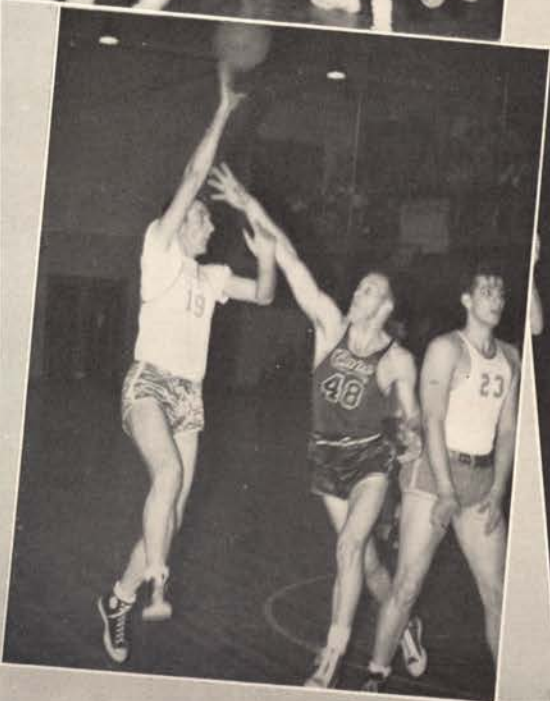
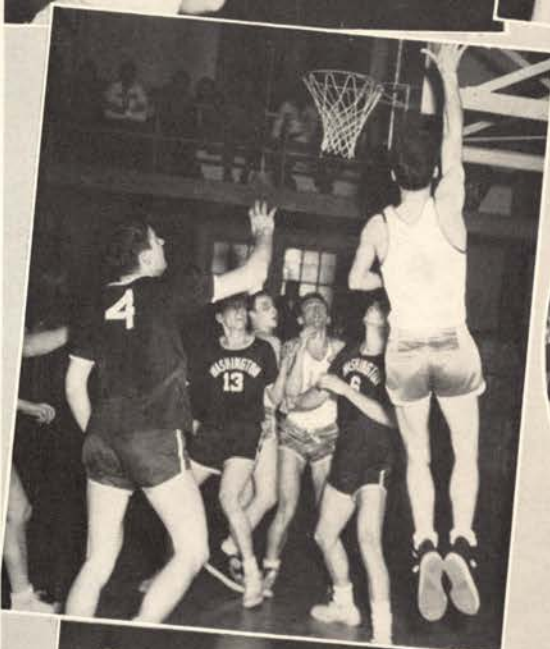
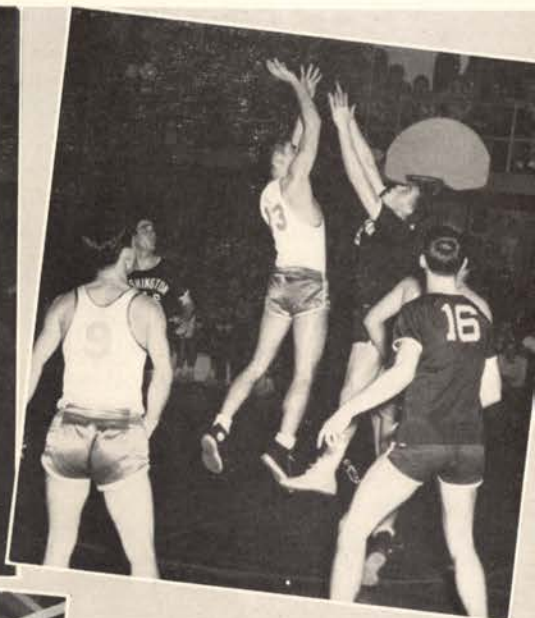
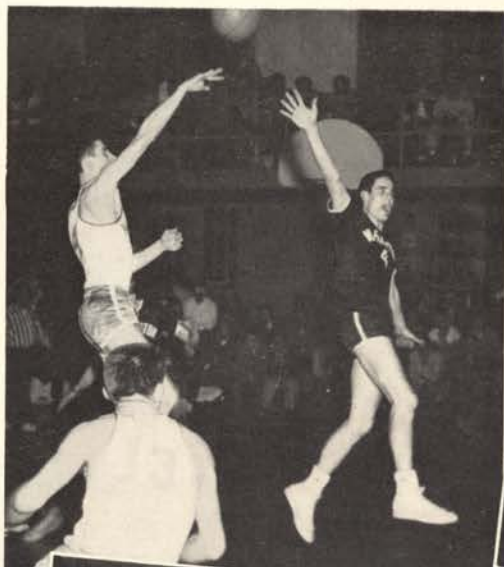
by defeating them by a score of 82-57.

The following week the team bounced back again against Cape Girardeau and managed to win by a score of 79-75. Thus again conference hopes were given a boost, and six days later the Miners defeated a big ball club from Harris Teachers College.

These victories were merely the lull before the storm, however. The Miners were not to win another game all season. In quick succession Warrensburg, Maryville, and Kirksville swamped the Miners. Concordia Seminary again, Springfield, and then Warrensburg again; all tore into the hapless Miners without mercy. Kirksville Teachers, Springfield, and Washington University added the final defeat to a very unsuccessful season.

Individually, the Miners looked like a strong ball club. With five lettermen returning, it looked, before the season started, as though the Miners had the nucleus of a winning team. They had a good coach; in short, they appeared to be loaded. Somehow, though, between the beginning and end of the season, the Miners picked up a jinx, a jinx they never could rid themselves of.

The team was operating in a fast conference under rather handicapped conditions, and, although the record was poor, credit must be given the men for managing to finish a tough schedule in the face of many obstacles.



Varsity Track

Featured in this issue of the Rollamo is the 1950 track squad. The squad, handicapped by the loss of outstanding lettermen, managed, with the aid of a large group of new and enthusiastic athletes, to finish the season with three victories.

In their opening encounter of the season, at the Field House in Columbia, Missouri, the Miner thin-clads placed fourth in the all important M.I.A.A. indoor conference meet. The Miners took first place in three events but lacked the reserve strength to finish higher than fourth. Stan Dolecki, veteran middle-distance man, won top honors in the half-mile race with a time of 2 min. 6.4 sec. Warren Roach, a new member of the squad, threw the shot a distance of 43.4 ft. to take first place in that event. Jim Scott was high point winner for the Miners as he placed first in the low hurdles, second in the high hurdles, and third in the broad jump. The Miner team scored 34 and 1/3 points as compared with the winning score of 44 and 5/6 points.

The cinder squad lost their next two meets, placing second to Washington University in a

triangular meet, and losing to Drury College, 79 to 57. In the Drury meet, Warren Roach set a new M.S.M. record as he put the shot 46 ft. 6 1/2 in.

In the next two meets the Miners came back strong, downing Westminster, 94 to 42, and St. Louis University, 76 to 60. In the latter meet, Bob Schuchardt set a record in the high hurdles with a time of 15.6 seconds.

In the following meet the Miners were defeated by Springfield by a score of 85 to 51. Jim Scott was again a consistent winner, as he took first place in both the high and low hurdles.

In the annual M.I.A.A. outdoor meet, which was held at Warrensburg this year, the Silver and Gold took fifth place. Stan Dolecki again won the half-mile event and Paul Harrawood took first in the javelin with a throw of 162 feet. Jim Scott set a new record in the low hurdles with a time of 25.3 seconds.

High point man for the Miners was Jim Scott who amassed a total of 86 points for the season.



FIRST ROW: Rausch, Rehm, Young, Scott, Schuchardt, Short, Bruer. SECOND ROW: Bender, Harrawood, Schafer, Slankard, Smith, Giddens, Allison, England.



*Take it from here.
Happy landing.
Beginning of the race.*

*Up and over.
Here they come.*

*Your turn now.
Ugh!
Set!*

*War dance.
Like a bird.
Out of the chute.*

Rifle Team

The 1950-51 Miner rifle team hit the bullseyes for a very successful season. Coached by Sergeant George Whitney, the squad took 10 of its 16 matches.

The high average for the season went to John Schemel, with an average of 183 out of 200 points. Closest man to Schemel was Potter with an average of 173 points out of 200.



FIRST ROW: Williams, Williamson, Schemel, Potter, Slates, Holland. SECOND ROW: Weber, Smith, Galyer, Murry, Zachelmeyer, Thrall, Holmes.

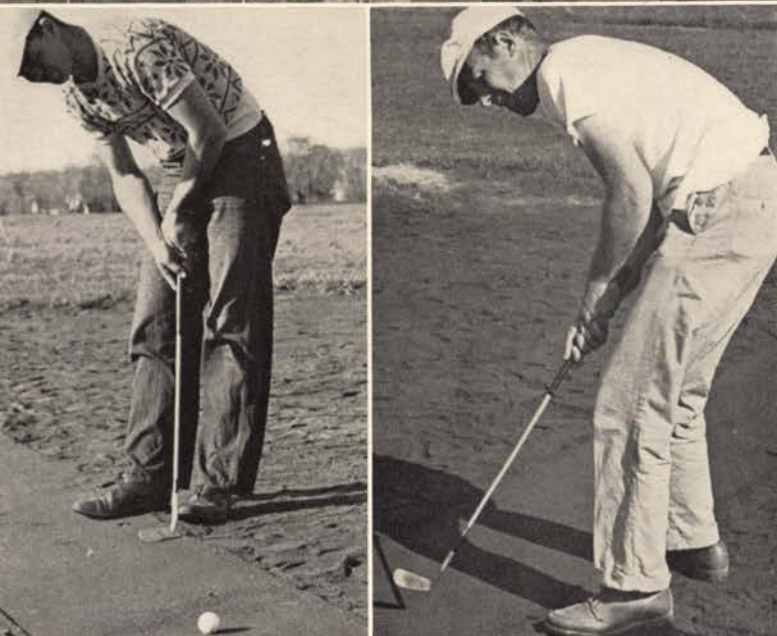


Golf Team

The M.S.M. golf team saw returning lettermen Gene Hawker, Jim Hubbard, and Stan Scales combine with Ray Davis and Robert Martin to round out the five-man squad.

The team opened the season by playing host to the Drury College team and losing, 20½ to 6½. The next three matches found the Miners still on the losing end as they bowed to St. Louis University twice and also losing to Cape Girardeau.

The Miners finally hit the winning path as they defeated Harris Teachers and Westminister. The season closed with a loss to Springfield Teachers and a fourth place M.I.A.A. conference standing.



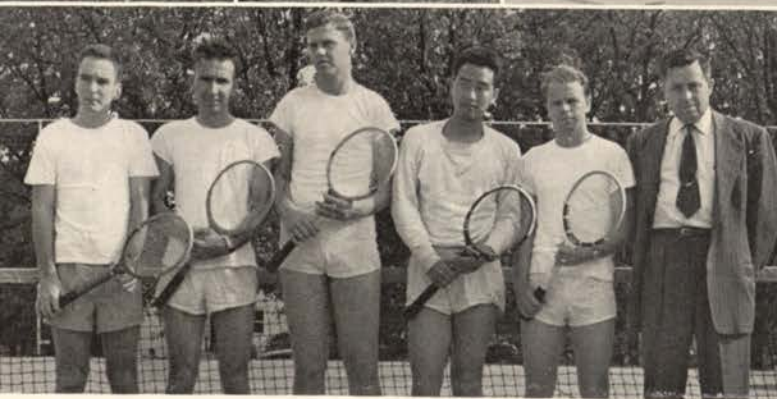
Tennis Team

Opening against a hard-smashing Drury College team, the Miners were defeated, 7-2.

Following this rather poor start, the Miners found it hard to get going against St. Louis University and Concordia Seminary but they finally won their first victory by defeating Cape Girardeau, 4-2.

This victory was followed by another victory over Springfield before the team lost again to St. Louis University. Following this loss the Miner netsters were unable to win again, losing to Harris Teachers and Westminister.

The returning lettermen of last year, Dick Williams and Charles Harmon, were aided by Jerry Cotner, John Gardner, Roy Lee, and Ted Pickeney.



Golf team.

*Slow and steady.
Let 'er fly, Gene.*

*Chipping on.
Tennis team.*

*Easy does it.
Williams at work.*

Varsity Swimming

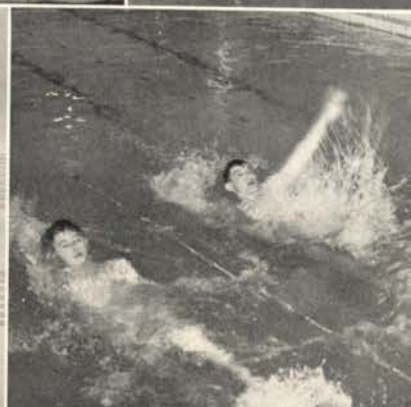
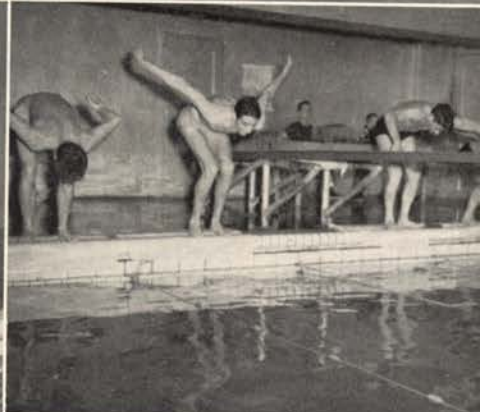
The 1951 M.S.M. swimming team, under the capable guidance of Coach Chester Barnard, enjoyed a somewhat successful season although the record does not show it. Facing some of the toughest teams in the area, the Miners came out ahead with five wins and four losses. In their first meet with a strong Washington University team the Miners fell, 57-18. The Miners were limited to only two firsts, both by Bill Vose in the 220-yard and 440-yard free style. In winning the 440, Vose broke the pool record with a time of 5:36.6.

Avenging their defeat, the Miners won their next meet at the expense of Illinois Normal, defeating them, 53-22. Late in the season the Miners again clashed with Illinois Normal, although this time it was in the form of a triangular meet with Illinois Wesleyan also present. At the final gun the score stood: Miners 36, Illinois Wesleyan 25, Illinois Normal 22. Bill Vose led the winners with firsts in the 220-yard and 440-yard free style. The other first place went to the 300-yard medley relay team of Bloess, Zacher, and Beverage; Smith in the diving; Maltzahn, Holmes, Beverage, and Bloess in the 440-yard free style relay.

The M.S.M. tank team took the back seat in a meet with St. Louis University, 53-22. The only Miner win came in the 440-yard free style, with Vose winning again. With the team at its best, the Miners defeated Indiana State, 52-22. It was a decisive victory with the Miners placing men in eight of the first place positions and winning both of the relays. The defeat of Bradley University, 51-24, was highlighted by the record-setting 300-yard medley relay performance of Bloess, Zacher, and Beverage, who turned in a time of 2:17.7.

In their last meet of the season the Miners again met St. Louis University and lost, 39-36, and though defeated, the Miners gave St. Louis plenty of trouble, every event being so close that they could have been called dead heats. The Miner star again was Bill Vose, who won the 220-yard free style and then broke his own record in the 440-yard free style with a time of 5:14.6. Miner George Bloess also shattered a record, winning the 200-yard back stroke in 2:30.1.

With seven returning lettermen, the Miners should have one of the best swimming teams in the history of the school.



The team.

Good race, Lee.

That's the way, George.

Smitty flying high.

Ready to go.

Nice form.

Bloess in action.

Intramural Sports

Intramural Athlete

This year's award for the most outstanding intramural athlete goes to Bill Shepard of Sigma Phi Epsilon. Bill held down end on the football team, as well as starring in basketball and volleyball, playing in the doubles division of ping pong, playing third base on the softball team, and firing on the rifle team. His versatility and his sportsmanship were certainly big factors in helping his fraternity in the intramural race.

Golf

Pacing the intramural golf tournament this year was the Theta Kappa Phi house. Ferber, going around the nine-hole course twice in 34-35, was the individual medalist. He was closely followed by Heineck of Lambda Chi and Whitman of Sigma Nu.

Swimming

In one of the closest intramural meets of the year, the men of the Sigma Nu house managed to splash their way to a close victory over the team from Tau Kappa Epsilon. Led by Thurston and Gray, the Snakes took first places in five of the individual events.

Football

Theta Kappa Phi and Sigma Nu dominated the intramural football scene this year as the two powerful teams staged one of the most highly contested battles on record. The Theta Kappa house, with most of its 1949 team back, finally emerged as the winner over the Sigma Nu's.

Lambda Chi Alpha was forced to accept third place, followed by Sigma Pi.



Pile up.

Quit pushing

Squaring off.

Boxing champs.

Working hard, Joe?
Bill Shepard, intramural athlete.

Wrestling champions.

Taking a shot.

Intramural Sports

Tennis

Dick Zumsteg, representing those "Southern Gentlemen" from the Kappa Alpha house, was the singles champion, closely followed by Bob Chappell of Sigma Nu.

In the doubles competition, Martin and Gray of Sigma Nu were finally beaten by Meiners and Gunther of Theta Kappa Phi in a closely fought battle.

The team points went to Theta Kappa Phi for first place and to Sigma Nu for second.

Volleyball

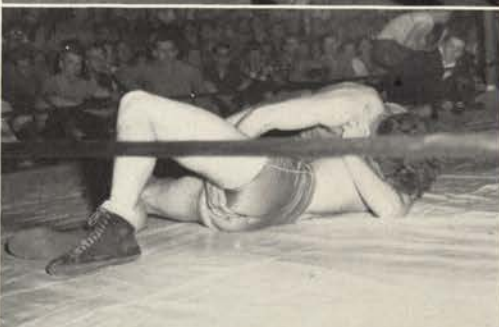
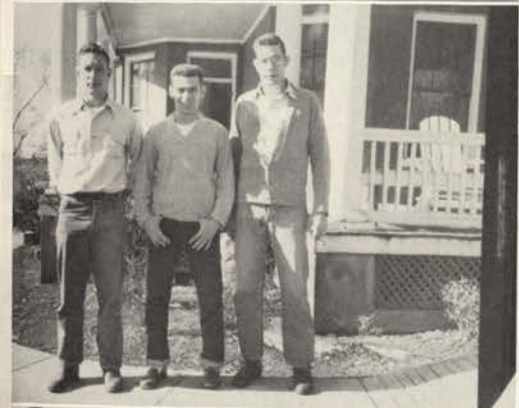
This year, intramural volleyball again saw the same two finalists as last year, Sigma Nu and Theta Kappa Phi. However, the final results were reversed as Theta Kappa Phi, after losing the first game, came back to win two games and thus win volleyball.

Basketball

Due to the large number of teams participating in this year's intramural basketball program, two leagues were devised. The winners of each of these divisions then played off for the championship.

By defeating the Tech Club, Sigma Nu became the winner of one division. Theta Kappa Phi then ran over the Junior-Senior entry to move into the playoffs from the other bracket.

Sigma Nu, winning two out of three games in the playoffs, emerged as the 1951 champions.



Doubles winners in table tennis.

1st place handball team.

Beginning of a race.

Basketball winners.

Sig Ep's handballers.

Looks good from here.

Up they go.

Coming in.

Trying for a pin.

Football champs.

Ready to throw one.

Intramural Sports

Boxing and Wrestling

This year's boxing and wrestling tournament was as close as it could possibly be.

Last year's boxing champion, Triangle Fraternity, was dethroned to the extent that they were co-champions with Sigma Nu.

Wrestling also saw the honors split, as Theta Kappa Phi again split with Sigma Nu.

Softball

In one of the closest fought softball tournaments in intramural history, Theta Kappa Phi finally managed to overcome the traditionally strong team fielded by Lambda Chi Alpha and take first place. The tournament was not decided until three games had been played by the two teams.

Third place was taken by the Tech Club, with fourth place going to Sigma Pi.

Track

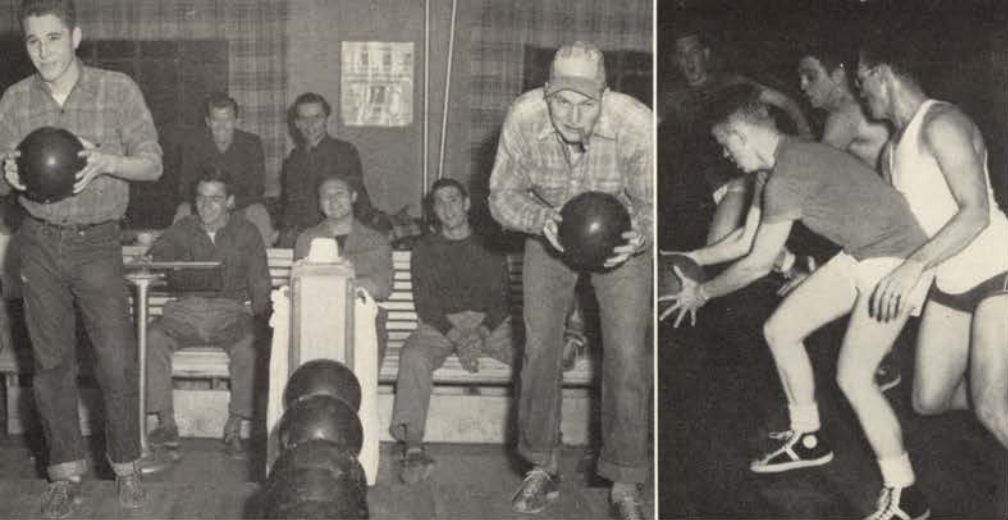
Led by Jim Tietjens, the men from the Sigma Nu house took the intramural track meet again for the second straight year. In gathering first place honors, the Sigma Nu team took first place in six events.

Taking second place, only a few points behind Sigma Nu, was the team from Theta Kappa Phi. These two teams monopolized most of the events in the two-day meet and were far ahead of the third and fourth place teams which were the Engineers Club and Triangle, respectively.



*Jump ball.
Taking a rebound.
Winner and loser.
Down it comes.*

*Covering up.
Relay.
Taking a serve.
Volleyball champs.
Softball.*



Intramural Sports

Cross-Country

The cross-country run, held annually between the halves of the Homecoming football game, was a repeat performance of last year as far as first and second places were concerned.

Gene Edwards and Gene Laytham, Triangle Fraternity's long-winded entries, managed to finish in that order for the second year.

Pi Kappa Alpha's entry, Sid Cole, finished third, with Anderson of Kappa Sigma fourth.

Handball

Sigma Phi Epsilon was again the dominating team in the handball tournament, emerging this year with the singles championship and the second spot in doubles play.

Dick Roermann won the singles championship with Nick Shurick of Lambda Chi Alpha second.

In doubles play, Jack Theiss and Bob Suren of Theta Kappa Phi defeated Don Matson and Bill Roermann of Sig Ep to garner first place.

Table Tennis

For the fourth consecutive year Roy Evans, the Kappa Sigma entry, smashed his way to the singles crown without a defeat. Weber of Gamma Delta took second.

In doubles competition Ed Calcaterra and Dick Bosse of Theta Kappa Phi defeated Bill Vose and John Ellis of Tau Kappa Epsilon to take first place.

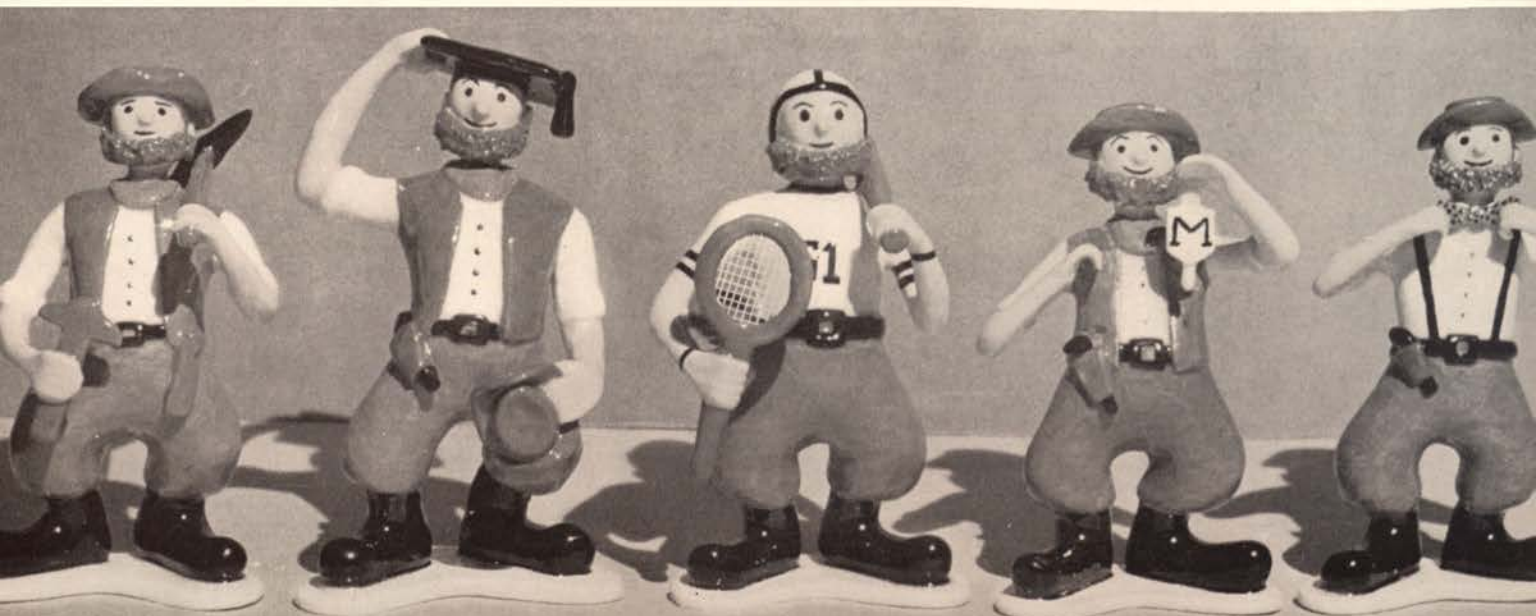
Points for the team placings went to Theta Kappa Phi for first place and Kappa Sigma for second.

Inter-fraternity bowling.
Here comes a "spike".
Up they go.
Will it go in?

Where to now?
Pass.
Here it comes.
Taking a free one.

SAY, JOE, that sure is a fine key you have in your hand. I guess it took a lot of hard work to merit that . . . no wonder you're so proud. Your endeavors will undoubtedly help to bring you success now and after you graduate. Joe, you should be proud of what that key represents, for the work that you did in attaining it has helped to train you to take your place in the world and to take your place beside the many great men who have graduated from this school. Keep up the good work, Joe.

Activities





Rollamo



Editor and Business Manager talking things over.

What is a school yearbook? To the men on the staff it represents the compilation of a mountainous volume of material with all its attendant headaches. To gather all of this material, such as group and class pictures, organizational write-ups, and advertising, there is involved many long hours of hard work and diligent research. All of these factors, plus contingencies which were not calculated, go into the editing, planning, and actual production of the school annual.

Another cardinal definition that might be used to describe the school yearbook and which would probably be voiced by an alumnus is, "An annual which is retrospective in make-up for it links and binds a former student with his college days."

It was with this second definition as its prime objective that the staff of the Rollamo chose as its theme for this year's annual, "Correlating the techniques that are learned while in school with the manner in which they will be applied in industry." With this thought foremost in mind, Editor Jack Maurer was responsible for this year's edition of the Rollamo. His capabil-

ity was shown by his choosing a diligent staff. These men were charged with the difficult task of aiding him in compiling the yearbook. These men and their respective tryouts were confronted with many details that had to be worked out. At times, when there was a great deal of work that had accumulated, they became discouraged. When the work was finished and the material submitted to the printer, the staff was able to sit back and say gratefully, "Man, am I glad that this book is finished." But, the majority of these men will be back again next year to work on the '52 Rollamo. Why? There may be a number of explanations. One explanation is the deriving of a personal satisfaction in being able to produce something that is tangible. Another reason may be that it is an outlet for personal expression that is not usually manifested in the engineering world where cold facts and figures are the rule.

It is the sincere hope of the staff that this book accomplishes what was intended: an annual which will always be a constant reminder of your college days spent at the Missouri School of Mines.

Board



The staff.

ROLLAMO STAFF

Editor-in-ChiefJohn Maurer
 Business Manager.....Richard Bauer
 Literary Editor.....John Lynch
 Associate Editor.....John Macke
 Organizations Editor.....John Griffith
 Classes Editor.....Byron Keil
 Sports Editor.....Richard Wilsen
 Advertising Editor.....Joseph Murphy
 Staff Photographer.....Norbert Neumann
 Secretary.....David Meskan



FIRST ROW: Ruppert, Dowdy, Maurer, Keil, Bauer, Meskan, Griffith, Algermissen, Lynch, Niemczura. SECOND ROW: Ordemann, Logan, Spittler, Schejbal, Fiore, Horst, Elwood, Zedalis, Hoffmann, Nowotny. THIRD ROW: Lang, Stoddard, Newkirk, Egan, Evans, Hook, Hampel, Goeddel, Stearman, Thompson. FOURTH ROW: Lischer, Amend, Hansen, Gerard, Short, Greiten, Geers, Stegemeier, Neumann.



The history of student publications at M.S.M. is very close to that of the school itself. Less than twenty years after the opening of the School of Mines there appeared on the campus a student magazine called The Notebook. In the years following, the students also contributed articles to The Argus of the University of Missouri. In 1914 the first Missouri Miner was published and since then it has continued to represent the student body, at first as a magazine and later evolving into the present form with which we are familiar.

The 1950-51 edition of the Miner under its editor and his staff has been successful in its aim of serving the school, students and faculty, as a means of exchange, information, and entertainment. As in the past, it has availed of a means of self-expression those students interested in writing, while giving valuable training in publication and business administration to the members of the staff.

By presenting differing points of view on various subjects of interest to the student the paper has aided him in formulating his own opinions and acting accordingly. On certain topics, the Miner has taken a definite stand. A poll taken last year to determine the opinion of the student body on the question of the admission of negro students to the school was very useful in the decision to admit them this year.

Sports were well covered, and the sports page as usual proved to be one of the most popular sections of the paper. The feature columns were also widely read and enjoyed, the humorous ones being especially popular.

Two special editions were printed, one for St. Pat's and the other the All Fool's Day edition. The St. Pat's edition covered the social functions and featured pictures and articles on St. Pat's Court of Love and Beauty. The All Fool's edition was filled with satire and humor on sports, policies, social life, and good-natured ribbing of the faculty and various institutions on the campus.

The staff.

Writing copy.

Setting type.

Making proofs.

Joe the printer.

Missouri Miner



MINER STAFF

Editor-in Chief.....	Joseph Murphy
Business Manager.....	Donald McCormack
Managing Editor.....	Edward Calcaterra
Associate Editor.....	John Bruskotter
Sports Editor.....	Mario Trieste
Advertising Manager.....	Eugene Lang
Circulation Manager.....	John Evans
Exchange Editor.....	Connelly Sanders
Features Editor.....	John Govatos
Secretary.....	George Stegemeier



FIRST ROW: Ruppert, Dowdy, Shaw, Keil, Lang, Trieste, Stegemeier, Algermissen, Greiten, Goeddel. SECOND ROW: Logan, Poe, Hansen, Evans, Egan, Amend, Hampel, Schemel, Hanss, Stearman. THIRD ROW: Lischer, Teagarden, Niemczura, Crow, Thompson, Wheeler, Flore, Hewett, Rafalowski, Nowotny, Stoddard.



FIRST ROW: Ludwig, Lischer, Teagarden, Gegg, Oldenburg, Maheshwary. SECOND ROW: Puyear, Sowli, Wood, Wakefield, Helm, Crum. THIRD ROW: Ashburn, Brink, Borberg, Tarr, Spencer, B. Puyear.

Photo Club

OFFICERS

President.....	D. Teagarden
Vice-President.....	N. Neumann
Secretary-Treasurer.....	E. Gegg
Custodian.....	H. Lischer
Faculty Advisors.....	{ Prof. Erkiletian Prof. Kerr Mr. Snell Mr. Nevin



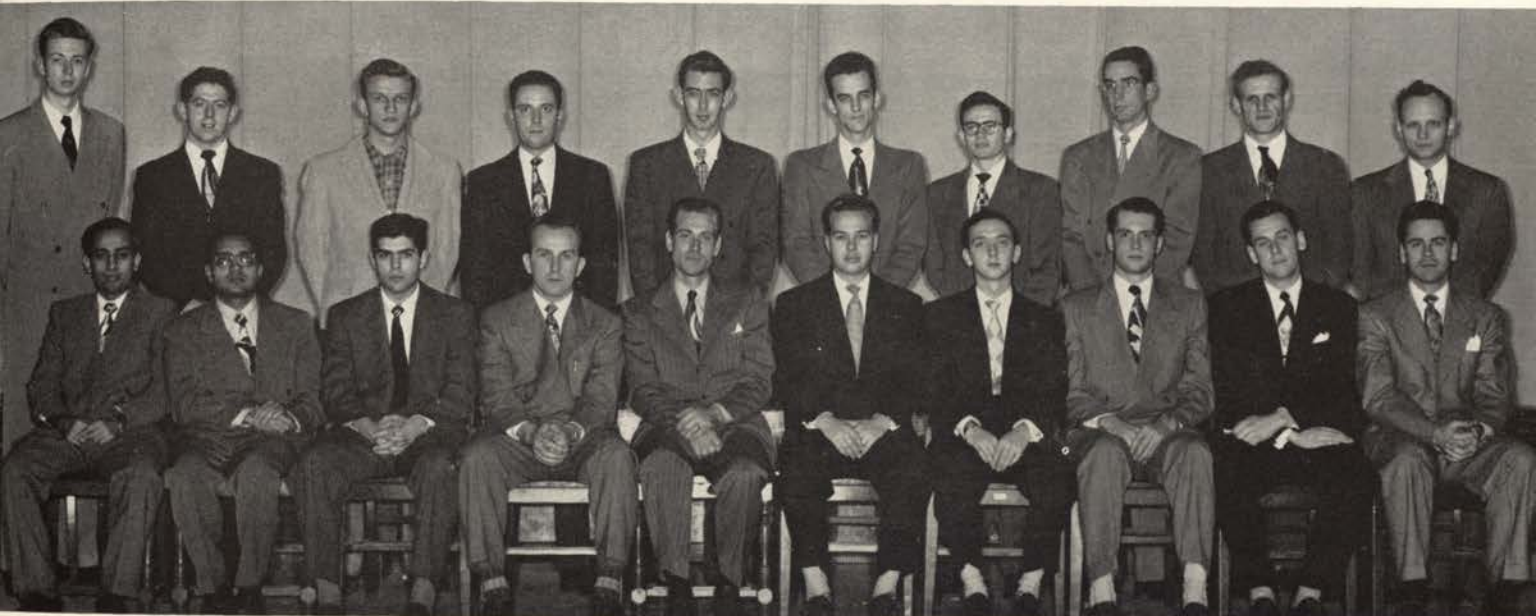
Chief clickers.

The Photo Club gathers to its ranks those Miners interested in the vast field of amateur photography. The purpose of the club is to further the interest in photography on and around the campus.

Meetings are held on every other Friday evening in room 103 of the Old Chemistry Building. During these meetings members show movies, slides, still pictures, and occasionally display new types of equipment. Often, experts in photography are obtained to speak.

The Photo Club maintains a modern, fully equipped dark room for the use of its members. The dark room contains two enlargers and has working space for two people.

In Norwood Hall a showcase is maintained, wherein photographs that are considered unusual or of special quality are kept.



FIRST ROW: Sedalia, Maheshwary, Kurtz, Niemczura, Planje, Shopher, Foster, Ott, Lynch, Soxman. SECOND ROW: Robertson, MacZura, Neely, Lattin, Harper, Summers, Scrivner, Jeffers, Rogers, McKee.

Keramos Fraternity

OFFICERS

President.....R. V. Ott - S. W. Niemczura
 Vice-President.....S. W. Niemczura - J. Robertson
 Secretary.....E. J. Soxman
 Treasurer.....J. R. Neeley
 Herald.....C. T. Foster
 Faculty Advisor.....Dr. T. J. Planje

Keramos, a national professional fraternity, was established on this campus July 26, 1947, to provide a professional fraternity open to outstanding students in the Ceramic Department. Its principle objectives are: to promote and emphasize scholarship and character in the thoughts of Ceramic students, to stimulate mental achievement, and to promote interest in Ceramic art, technology and engineering.

"But oh, for the touch of thy vanished hand . . ."
 —Tennyson.

ROSS V. OTT, 1928-1951

The untimely death of Keramos president, Ross Ott, January 29, 1951, was keenly felt by the entire Ceramics Department. An outstanding student, he was the exemplification of the ideals of character, scholarship, and integrity.



Head bakers.



Chief civils.

A. S. C. E.

The Student Chapter of the American Society of Civil Engineers accomplishes its purpose of acquainting all interested students with modern engineering practices and developments by inviting outstanding professional men as featured speakers at the society meetings.

Delegates from the chapter attended the annual banquet in St. Louis of the Missouri Society of Civil Engineers.

Under the able sponsorship of Professors E. W. Carlton and J. Kent Roberts and capable leadership of its officers the society has had a very successful year.

Fall	OFFICERS	Spring
J. B. Griffith.....	President.....	J. B. Griffith
D. D. Parrish.....	Vice-President.....	H. Johannesmeyer
H. T. Clark.....	Secretary.....	G. J. LaBouff
J. W. Clark.....	Treasurer.....	J. L. Hubbard
Faculty Advisor.....	Prof. E. W. Carlson	
Junior Faculty Advisor.....	Asst. Prof. J. K. Roberts	



FIRST ROW: Crowell, Lancaster, Goeddel, Schurick, Griffith, Butler, Trace, Wohler, Fritschen, Harrawood, Henson, Theerman. SECOND ROW: Alvarado, Nolan, Moy, Drewel, Roetzel, Flore, Elwood, Knepper, Stopkevyc, Houghton, Ordemann. THIRD ROW: LaBouff, Hubbard, Bellis, Zvanut, Peterson, Dye, Burkhead, Borgers, Johannesmeyer, Bredesen, Dannenbrink, Myers. FOURTH ROW: Woodlock, Lischer, Gerard, O'Brien, Fons, Norton, Zane, Penick, Heagler, Gorman, Borbers.



FIRST ROW: Reeves, Patterson, Hausner, Pearson, Scheffler, Corrigan, Moscari, Riley. SECOND ROW: Mallon, Jennings, Freebersyser, Rafferty, Richey, Young, Rodolakis. THIRD ROW: Fish, Smith, Hahne, Penick, Wilson, Dryden, Suren.

Student Council

OFFICERS

PresidentW. Pearson
 Vice-President.....F. Motta
 Secretary.....R. Corrigan
 TreasurerT. Scheffler



The purpose of the Student Council is to stimulate "school spirit", to give a good student government, and to form an official contact between the student body and the faculty. Established in 1927, its present form has twenty-four members, an equal number for the Fraternities and the Independents. This council is under the supervision of Professor Sam Lloyd as faculty advisor.

The Student Council has numerous duties. One of the big yearly jobs of the council is the handling of the class elections. The council also provides operational funds for various student activities, gives approval of new constitutions for student organizations, and gives student representation at faculty disciplinary meetings. The members are awarded emblem sweaters for a year's service on the council.

Chief governors.





FIRST ROW: Taylor, Weeks, Venarde, Dr. Conrad, Sanders, Koetting, Kibler, Hook, Short, Schrader. SECOND ROW: Duncan, Rice, Guzzu, Stott, Freebersyser, Ladd, Greiten, Dillender, Norwood, Wickey, Johnston. THIRD ROW: Commerford, Knobel, Holland, Westerman, Slover, Phelps, Burch, Soehlke, Dieckgrafe, Birk, Zeitz, Iselin, Rhodes. FOURTH ROW: Trieste, Crow, Carl, Klobe, Crocker, Lang, Fris, Keller, King, Boushka, Maurer, Antrim, Vose.

A. I. Ch. E.

Fall	OFFICERS	Spring
J. Venarde.....	President.....	J. Fris
E. J. Zietz.....	Vice-President.....	M. Trieste
M. Trieste.....	Secretary.....	E. Sanders
D. Norwood.....	Treasurer.....	R. Phelps
Faculty Advisor.....		Dr. F. H. Conrad

Chief chems.



The Missouri School of Mines Student Chapter of the A.I.Ch.E. provides opportunities for the professional development of students majoring in Chemical Engineering by featuring outstanding scientists and men of the profession as speakers at its regular meetings.

The Missouri School of Mines Chapter was host to the Regional Meeting of the student chapters of A.I.Ch.E. which was held on the campus in December, 1950. The meeting was attended by over one hundred delegates, representing eight colleges in the Midwest.

One of the most important activities of the chapter during the past year was the presentation of awards to the outstanding freshman and sophomore enrolled in Chemical Engineering. The purpose of the awards was to stimulate professional interest among the students in Chemical Engineering.



FIRST ROW: Greer, Walton, Thurston, Huffman, Wohlert, Weinel, Roerman, Vose, Moscari, Henson. SECOND ROW: Moeller, Marquis, Proctor, Bennett, Powell, Smith, Young, Bock, Williams, Kimball, Bender. THIRD ROW: Faulkner, Hampel, Weber, Harrawood, Beverage, Hackmann, Theiss, Schoepel, Jehlen, Ulz, Vanfossen, Nichols, Bloess.

"M" Club



Fall	OFFICERS	Spring
R. Roerman	President.....	W. Wohlert
W. Wohlert	Vice-President.....	R. Thurston
W. Vose	Secretary.....	W. Vose
P. Harrawood	Treasurer.....	G. Hensen

The "M" Club was organized in 1936 to solidify the feeling of fellowship developed among the teammates of all the varsity sports at M.S.M. The objectives of the "M" Club includes not only participation in varsity athletics, but an advancement of a well-rounded intramural program as well. The "M" Club strives for a betterment of sportsmanship and school spirit on the campus.

To stimulate intramural competition, an "Intramural Athlete of the Year" award is given each year to the man who has shown through his sportsmanship, athletic ability, and cooperation with his teammates that he is the all-around intramural athlete of the year.

The "M" Club operates concession stands at varsity games, the funds from which are used to purchase special equipment for the athletic department to aid varsity sports.

Head athletes.



American Ceramic Society



Head ceramists.

OFFICERS

President.....	J. R. Neeley
Vice-President.....	E. J. Soxman
Secretary.....	W. D. McKee
Treasurer.....	G. MacZura

The Missouri School of Mines student branch of the American Ceramic Society was activated in 1937, by students in the Ceramic Engineering Department. At that time the students were members of the local "Orton Society".

The purpose of the student branch of the American Ceramic Society is to promote science and engineering as they relate to ceramics and its allied branches. Monthly meetings are held at which prominent men from the ceramics field present timely lectures, and in addition, motion pictures dealing with ceramics and its allied fields are shown. All students taking courses leading to a degree in Ceramic Engineering or a science degree in Ceramics are eligible for membership.

The function of the society is that it serves in the capacity of correlating social and intellectual activities of its members.



FIRST ROW: Sedalia, Shulze, Herold, Planje, Reger, Michelotti, Hrbacek, MacZura, Cauthorn, Dulberg. SECOND ROW: Rogers, Browne, McKee, Roloff, Ford, Maheshwary, Kinert, Harper, Lattin, Scrivner, Niemczura. THIRD ROW: Robertson, Foster, Neely, Kurtz, Shopher, Soxman, Jeffers, Gephart, Summers, Ott, Lynch.



FIRST ROW: Stovall, Gray, Theerman, Murphy, Elbaum, Ferber, Geers, Spiniello. SECOND ROW: Boyle, Keil, Sheehan, Saviola, Elwood, Zenik, Proctor, DeHekker, Hutkin. THIRD ROW: Holland, Cobb, Dryden, Friedmann, Pohlman, Tolle, Hewett, Stoddard, Theiss.

St. Pat's Board

OFFICERS

President.....	G. Ferber
Vice-President.....	J. L. McClinton
Treasurer.....	J. Dryden
Secretary	K. Elbaum
Faculty Advisors.....	{ D. R. Schooler S. H. Lloyd



St. Pat's key men.

The annual celebration in honor of the Engineers' Patron Saint is an event which has become the climax of the school year for every loyal Miner. At that time tests and reports are forgotten as St. Pat makes his annual visit to the School of Mines campus.

In 1930 the St. Pat's Board was established on our campus to govern the arrangements of this, the biggest social event on the M.S.M. calendar. By sponsoring the entertainment activities, such as the Homecoming Dance and the Admiral Boat Ride at the close of the year, the Board helps to defray the cost of the St. Pat's celebration.

The Board is composed of two men from each social fraternity and four from the Independents, thus providing for a governing body which assures that due homage will be paid to the ideal of every "Joe Miner".





FIRST ROW: Rushton, Harper, Cauthorn, Bertel, Trace, Bond, Birk, Niemeier. SECOND ROW: Abernathy, Forister, Simpson, McEvelly, Klobe, Ruhl, Westerman, Allen, Roster, Knight. THIRD ROW: Rosche, Baldwin, Oitto, Lischer, Hahne, Fish, Ferns, Hacker, Hewett.

Alpha Phi Omega

OFFICERS

President.....	Donald Bertel
First Vice-President.....	George Knight
Second Vice-President.....	William Baldwin
Secretary.....	Howard Westerman
Corresponding Secretary.....	Thomas Abernathy
Treasurer.....	John Finklang
Historian.....	Charles Anderson
Sergeant-at-Arms.....	Thomas Simpson

The purpose of Alpha Phi Omega is to assemble college men in the fellowship of the Scout Oath and Law, to develop friendship, and to promote service to humanity. This imposing objective includes four major fields of activity in which our program is delivered. They are: service to the student body and faculty, service to youth and community, service to members of the fraternity, and service to the nation as participating citizens.

Among the A.P.O. student projects at M.S.M. for the 1950-'51 school year were: desk-sized blotters for all students, decoration of the gym for the Parents Day dance and dinner, guides for Parents Day, book exchange, keep-off-the-grass campaign, participation in local scout training, maintenance of student lounge, and motor pool.



The leaders.



FIRST ROW: Jensen, Becker, Koontz, Fosha. SECOND ROW: Spindle, Luetjen, Cleveland.

Sigma Pi Sigma



OFFICERS

President.....	R. L. Becker
Vice-President.....	R. H. Koontz
Secretary.....	H. E. Spindle
Treasurer	R. Kline
Faculty Advisor.....	Dr. H. Q. Fuller

The officers.

Sigma Pi Sigma is the only Physics Honor Society of national scope. It was founded in 1921 at Davidson College in North Carolina.

The objects of the organization are: to serve as a means of awarding distinction to students having high scholarship and promise of achievement in Physics and to encourage a professional spirit and friendship among those who have displayed marked ability in that field.

The Missouri School of Mines Chapter of Sigma Pi Sigma was installed on January 11, 1950. Since that time it has shown noted progress. One of the activities of the chapter is the engaging of prominent speakers to talk on scientific subjects. These lectures are open to the student body.





Head mechanicals.

A. S. M. E.

Fall	OFFICERS	Spring
R. V. Wolf.....	President.....	R. Mansfield
R. D. Montgomery.....	Vice-President.....	R. Giacomina
R. Mansfield.....	Treasurer.....	D. Castro
J. H. Thompson.....	Secretary.....	J. Roschke

Membership in the student branch of the A.S.M.E. is open to students in the Mechanical Department. In spite of the smaller enrollment in the Mechanical Department, the student branch membership exceeds that of the last school year.

Like other professional societies, the student branch of the A.S.M.E. acts as a link between the student engineer and the professional engineer in practice. The program at the meetings of the A.S.M.E. are designed to give the student members an insight into the Mechanical Engineering field and acquaint them with the professional work of the engineer.

The goal of the organization is to train men in the professional engineering field and to create a spirit of fellowship within the department. The student branch receives the finest cooperation from the chairman of the department and the membership of his faculty.



FIRST ROW: Welsh, Burnett, Mansfield, Scofield, Miles, Trace, Berley, Wood, Schejbal, Perkinson. SECOND ROW: Quick, Bevan, Speak, Packheiser, Horine, Spitzer, Roschke, Voertman, Giacomina. THIRD ROW: Perryman, Vance, Bieri, Gabrielse, Comanich, Rober, Moscarl, Tuegel, Kolb, Castro. FOURTH ROW: Matthews, Scheffler, Van Buskirk, Montgomery, Thompson, St. Clair, Minnick, Larson, Hohlfelder, Phillips, Ramey.



FIRST ROW: Stovall, Schuchardt, Shaw, Theerman, Steiglitz, Shepard, Butler, Fairchild, Winters, Slankard. SECOND ROW: Giacomini, Keil, Proctor, Huffman, Gould, Shopner, Pearson, Foster, Forister, Hoffmann. THIRD ROW: Tarantola, Mallon, Dryden, Friedmann, Zane, Vansant, Evans, Geers, Stegemeier, Martin. FOURTH ROW: Warner, Theiss, Zumsteg, Bullock.

Theta Tau Fraternity



OFFICERS FOR FALL SEMESTER

Regent.....	Val H. Stieglitz
Vice-Regent.....	Wilbert Theerman
Scribe.....	Samuel Shaw III
Treasurer.....	William Fairchild
Marshal.....	William Shepard
Outer Guard.....	Johnnie Stovall
Inner Guard.....	John Winters

Theta Tau, the National Professional Engineering Fraternity, was founded on October 15, 1904, at the University of Minnesota. Its membership is limited to the engineering profession, and is primarily concerned with the development of the engineer as an integral part of his surrounding society, as well as furthering the general interests of engineering as a whole.

Iota Chapter, the M.S.M. Chapter of Theta Tau, was founded February 5, 1916. Since then it has shown itself to be one of the outstanding organizations on the campus.

Theta Tau chooses its members from among the late sophomore, junior, and senior classes. It attempts to maintain high scholarship among its membership and to provide a common meeting ground where men of different phases of engineering may meet and discuss their professional problems.

The leaders.





FIRST ROW: Kibler, Freebersyser, Duncan, Greiten, Taylor, Burch, Maurer, Short, Schrader, Trieste, Phelps, Rice. SECOND ROW: Westerman, Crow, Norwood, Sanders, Dillender, Crocker, Zeitz, Wickey, Ladd, Dieckgrafe, Guzzly, Iselin. THIRD ROW: Keller, Boushka, Bauer, Schafer, Commerford, Vose, Birk, Fris, Vanfossen, Venarde, Soehlke.



Chief alchemists.



Alpha Chi Sigma

Fall	OFFICERS	Spring
J. Maurer.....	Master Alchemist.....	W. Burch
W. Boushka.....	Vice-Master Alchemist.....	R. Phelps
W. Burch.....	Reporter.....	R. Soehlke
A. Taylor.....	Master of Ceremonies.....	A. Taylor
J. Fris.....	Treasurer.....	E. Sanders
W. Keller.....	Recorder.....	C. Rice
R. Phelps.....	Historian.....	R. Ladd
Chapter Advisor.....		Dr. W. Webb

Beta Delta Chapter of Alpha Chi Sigma, a national professional chemistry fraternity, was organized on the campus of M.S.M. in 1937. The fraternity affords its members an excellent opportunity to make professional contacts, both while here at M.S.M. and after leaving school. Professional chapters are maintained in all important industrial areas throughout the country. Alpha Chi Sigma not only provides the college student with the professional contacts of the right type but also provides the professional man with the interests and bonds of a fraternity.

The chapter holds regular meetings twice a month, and a pledge class is initiated each semester. Each year in the fall, Dr. Schrenk's home is the scene of the Midwest Jamboree, with chapters from several neighboring colleges participating.



FIRST ROW: Rushton, Roster, Harper. SECOND ROW: Keating, Woodcock, Tippit.

Alpha Psi Omega

OFFICERS

President.....	W. E. Rushton
Vice-President.....	W. S. Harper
Business Manager.....	G. Woodcock
Secretary.....	E. Roster

Membership in Alpha Psi Omega distinguishes those students who have freely contributed their time and talents towards production of popular stage plays on the campus.

The society is national in scope and honorary in aspect. The local chapter chooses members from the student body who have previously qualified themselves through the portrayal of a specified number of major and minor roles. Since the installation of the chapter here at the School of Mines, interest has been accelerated greatly, until now the group boasts of ample talent to produce almost all of the better known stage plays. The society works in conjunction with the M.S.M. Players in all their productions.

Mr. William J. Murphy, Instructor in English at the Missouri School of Mines, has directed the group throughout the last season. His popularity in the classroom has carried over into this dramatic society.



Head wheels.



Blue Key Fraternity

Blue Key is a national honor service fraternity. It chooses its membership on the basis of character, scholarship, student activities, and service. Membership is limited to a definite number of undergraduate and graduate members. Honorary membership is extended to a very limited number of distinguished faculty and alumni.

The purpose of the Blue Key is best expressed by its motto, "Serving I Live".

Services rendered by the M.S.M. chapter of the Blue Key fraternity include: the annual publishing of a student directory, which is distributed to the students and faculty at no cost, assisting in the Parents' Day, Homecoming, and St. Pat's celebrations and sponsoring a freshmen smoker at the beginning of each semester to better acquaint the new students with the faculty, organizations, and activities of the school.

Fall	OFFICERS	Spring
R. Wolf.....	President.....	R. Schuchardt
R. Slankard.....	Vice-President.....	N. Dowling
W. Horst.....	Secretary-Treasurer.....	R. Bauer
W. Fairchild.....	Corresponding Secretary.....	T. Foster
Mr. J. Steinmeyer.....		Faculty Advisor



FIRST ROW: Shaw, Kibler, Stegemeier, Wohler, Slankard, Bauer, Short, Meskan, Elbaum. SECOND ROW: Hoffmann, Schuchardt, Keil, Shepard, Horst, Gould, Fairchild, Kaplan, Shopher. THIRD ROW: Maurer, Ott, Zane, Huffman, Robertson, Bullock, Vansant, Winters, Foster.



FIRST ROW: Jackson, Fritschen, Blendermann, Zeid, Sanders, McKinnell, McKee, Short, Evans, Zumsteg, Mallon, Vansant. SECOND ROW: Niemczura, Hamm, Peterson, Tarwater, Norwood, Shepard, Crocker, Bcushka, Winters, Koontz, Kleinkopf. THIRD ROW: Slankard, Stevenson, Horst, Rouolakis, Knepper, Spindle, Ott, St. Clair, Stegemeier, King, Robotti, Minnick. FOURTH ROW: Fairchild, Fris, Krokroskia, Rust, Keller, Luetjen, Venarde, Burch, Becker, Phelps.

Tau Beta Pi



Fall	OFFICERS	Spring
J. Venarde.....	President.....	R. V. Ott - R. Zumsteg
R. Becker.....	Vice-President....	R. Zumsteg - W. Short
R. V. Ott.....	Treasurer.....	E. Oliphant
D. Norwood.....	Corresponding Secretary.....	R. Koontz
W. Shepard.....	Recording Secretary.....	W. Shepard
R. Vansant.....	Cataloger.....	R. Vansant

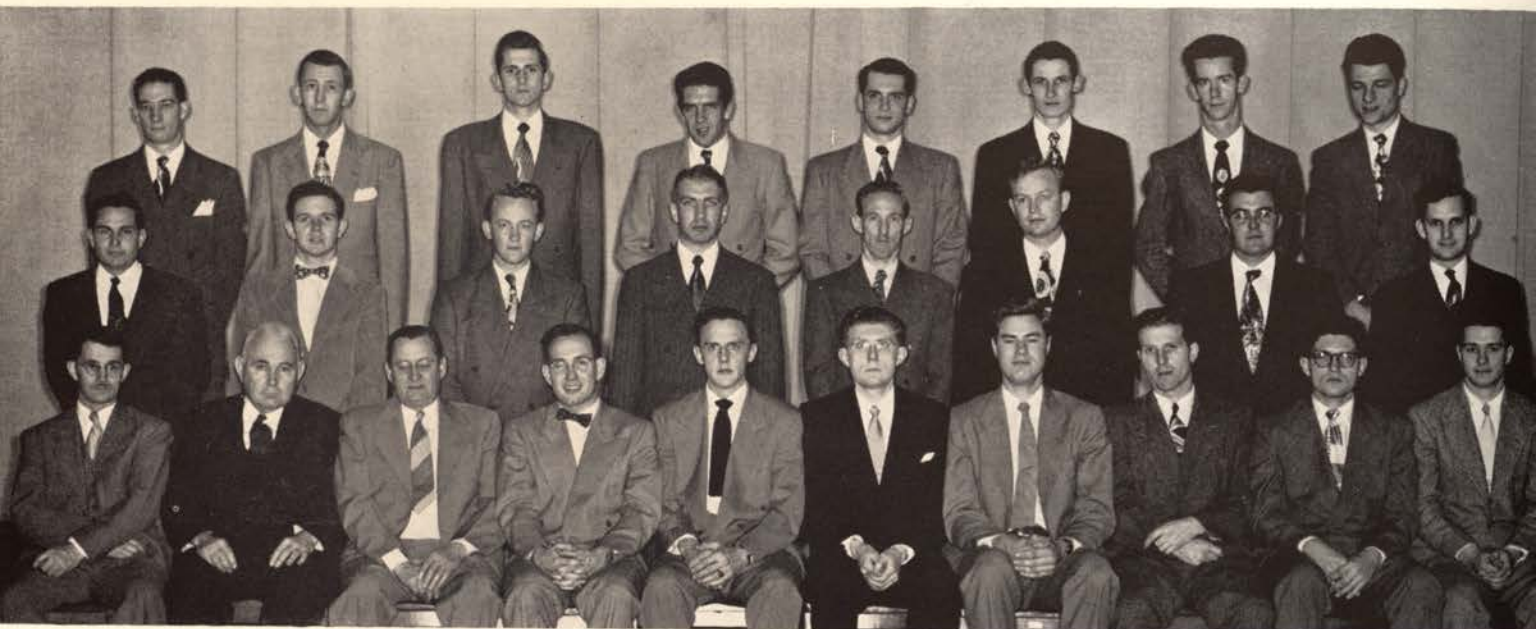
Chief brain-power.

The Tau Beta Pi association was founded in 1885 at Lehigh University. The purpose of this association is to award distinction to those who have brought honor to their Alma Mater by distinguished scholarship and exemplary character as undergraduates or by their attainments as alumni in the field of engineering.

The Missouri Beta Chapter, founded on this campus in 1906, annually chooses its members from the outstanding men in the upper one-fifth of the senior class, and the upper one-eighth of the junior class. Tau Beta Pi members are leaders in all campus activities.

Each year the pledge classes of Tau Beta Pi expend their talents on several pledge projects which are generally designed to improve our campus. The most recent of these projects is a pair of signs at the corners of the campus, fashioned after the "Bent" of Tau Beta Pi, and exhibiting the name of our school.





FIRST ROW: Eshbaugh, Butler, Jensen, McKinnell, Kline, Davidson, Short, Evans, Vansant, Mallon. SECOND ROW: Tarwater, Horst, Norwood, Shepard, Crocker, Boushka, Winters, Koontz. THIRD ROW: Hubbard, Luetjen, Venarde, Spindle, Ott, Burch, Welsh, Becker.

Phi Kappa Phi

OFFICERS

President.....S. J. Pagano
 Vice-President.....R. Z. Williams
 Secretary-Treasurer.....W. J. Jensen
 Journal Correspondent.....C. W. Esbaugh

The officers.



The honor society of Phi Kappa Phi was founded in 1897 to provide an honor society dedicated to unity and democracy of education and open to honor students from all departments of American universities and colleges. Its prime object is to emphasize scholarship and character in the thoughts of college students, foster the significant purpose for which institutions of higher learning have been founded, and to stimulate mental achievement by recognition through election to membership.

The Missouri School of Mines chapter was chartered in 1920. The chapter sponsors campus speakers, awards Book Plates to each student who maintains a grade point average of 2.00 or better for two semesters, and maintains an active student loan fund.



FIRST ROW: Zane, Kaplan, Moy, Arnold, Butler, Eshbaugh, Wohlert, Henson, Slankard, Fritschen. SECOND ROW: Vansant, Roetzel, Peterson, Hubbard, Bellis, Elwood, Griffith, Knepper, Flore, Stopkevyc.

Chi Epsilon Fraternity

Fall	OFFICERS	Spring
R. Zane.....	President.....	G. Bellis
R. Slankard	Vice-President.....	J. Hubbard
D. Parrish	Secretary.....	M. Burnstein
J. Hubbard.....	Treasurer.....	W. Roetzel
N. Kaplan.....	Assoc. Editor of the Transit.....	C. Lange

A national honorary Civil Engineering fraternity, Chi Epsilon was organized on this campus in the fall of 1949. Membership is limited to juniors and seniors who are in the top third of their class. By means of this recognition, the organization desires to fulfill its obligation of increasing the number of well qualified Civil Engineers.

The main activity of the group is shown by the new improvements in Harris Hall. Among these are a large map of Phelps county adorning the hallway wall, a strange type of device known as a Cooper E-72 Loader aiding in bridge design, and a monstrous replica of a plate girder section illustrating reality in design.

Although new at M.S.M., Chi Epsilon has reached its initial goal of firmly establishing itself as one of the permanent organizations on this campus.

The officers.



A.I.E.E.-I.R.E.

The joint student chapter of the American Institute of Electrical Engineers was formed for the purpose of enlightening electrical engineering students concerning developments in their field.

The organization is open to all students of electrical engineering. It accomplishes its objectives by maintaining a well-rounded program of talks, lectures, and discussions on engineering topics. The guest speakers are usually well-known engineers residing in the state of Missouri, but occasionally, gentlemen travel from more distant portions of the United States in order to speak at the meetings.

The organization fosters individual expression by having its members submit papers on electrical topics in competition with students from other universities throughout the nation. National recognition and prizes are the reward for outstanding work in these contests.



Chief wirers.

OFFICERS

Chairman.....	H. J. Gifford
Vice-Chairman.....	E. P. Longerich
Secretary, A.I.E.E.....	R. R. Robotti
Secretary, I.R.E.....	J. R. Quick
Treasurer.....	R. C. Mallon
Counselor, A.I.E.E.....	J. W. Rittenhouse
Counselor, I.R.E.....	R. E. Nolte



FIRST ROW: Gandhi, Rittenhouse, Beachler, R. Ruhl, Lewis, Gifford, Quick, Mallon, Meyers, Owens, Kline, DeLurgio. SECOND ROW: Longerich, Wolf, Murray, Cheadle, Thompson, Poschel, Bodicky, Lackey, Robel, McAninch, Million, J. Ruhl. THIRD ROW: Holdman, Rust, Young, Honigfort, Williams, Campbell, Kerr, Breazeale, Robotti, Jerome, Coonce, Ludwig.



FIRST ROW: Hammond, Beachler, R. Ruhl, Reeves, Holland, Dryden, Tippit, Patterson, Duncan, Templeton. SECOND ROW: Young, Ogle, J. Ruhl, Lancaster, Harper, Sweeney, Roschke, Boyle, Million, Mallon. THIRD ROW: Quick, Bara, Penick, Slover, MacZura, Hahne, Jennings, Stopkevyc, Norton. FOURTH ROW: Zane, Harbert, Soehlke, Scheffler, Keller, McClaine, Fris, Vance.

Independents

Fall	OFFICERS	Spring
Joseph Dryden.....	President.....	Daniel McGovern
John Holland.....	Vice-President.....	Joseph Dryden
Marion Penick.....	Treasurer.....	Marion Penick
Ernest Reeves.....	Secretary.....	Ernest Reeves

The Independents were recognized as a campus organization in 1935 to represent all men, not affiliated with a social fraternity, in student government and student affairs.

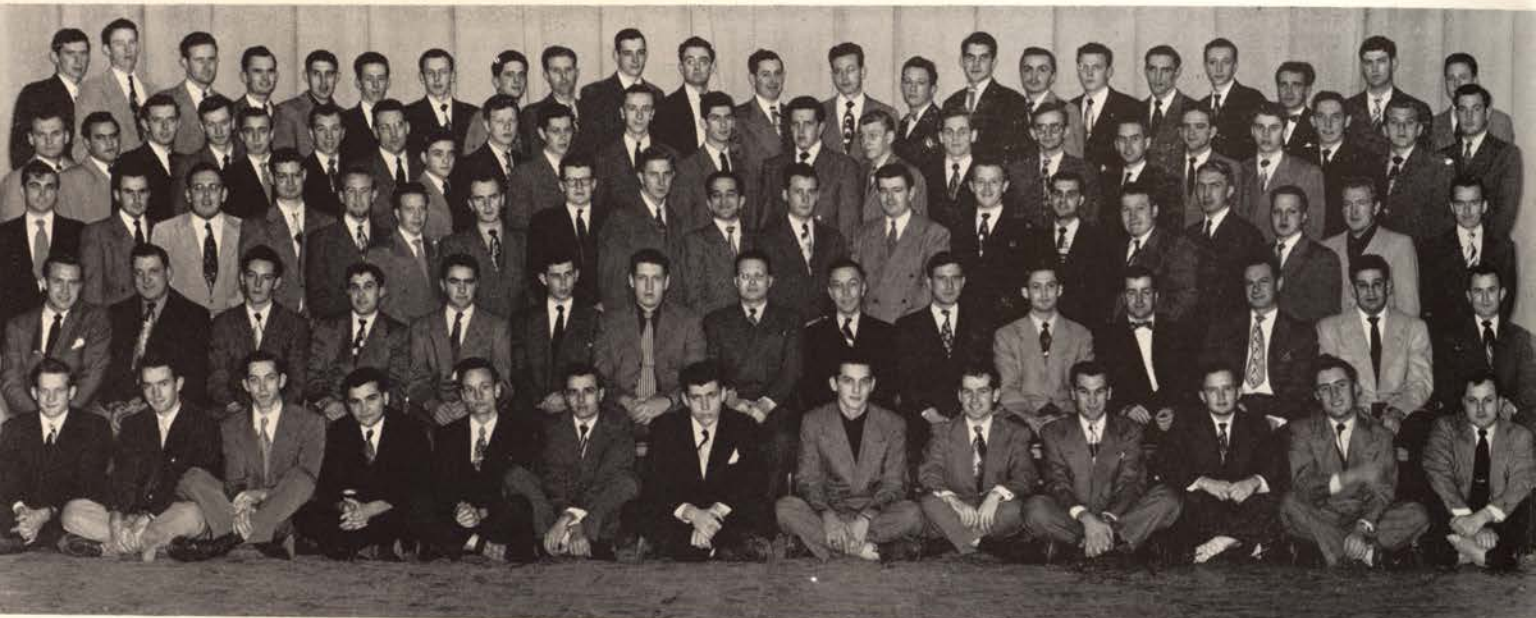
The social interests of the Independent students are also furthered in this organization by the annual Barn Dance on the eve of Homecoming, the Independents' "outing" in the late spring, and the "Open House Party" following the formal dance during St. Pat's holidays.

The yearly battle between the Greeks and the Independents over class elections was again staged, with the Independents taking most of the upper class offices.

With the support of the school dormitory, there are future promises of a strong and successful Independent student body.

The leaders.





FIRST ROW: Hilburn, Greig, Odenhouven, Bond, Cox, Hoppe, Andersen, Bottom, Wiseman, Shaw, Ruppert, Banghart, Hurley, Simpson. SECOND ROW: Geers, Foster, Tone, Kleinkopf, Fuller, Gregiore, McCreary, Martin, Schooler, Williams, Zeid, Schloser, Humphrey, Tabachnick, Hirschfeld. THIRD ROW: Keil, Blenderman, Krause, Fitzgibbon, Hamm, Howe, Clements, Irwin, Ulz, Rodolakis, Stuve, Kalk, Sundholm, Cartheau, Anderson, Shepard, Hestetune, Sulaw, Calton. FOURTH ROW: Plainse, Buettner, Evans, Wargo, Dowdy, Thiele, Ramsay, Linn, Walsh, Tankersley, Oitto, Moore, Newkirk, Turnipseed, Moeller, Barsachs, Anderson, Tarantola, Lincoln, Bullock, Sobie, Devaney. FIFTH ROW: Kupsch, Jackson, Gardner, Patterson, Jones, Amend, Andre, Friedmann, Evans, Stickle, Crawford, Jackson, Krokroskia, Durrenberger, Schoeppel, Reschetz, Ellis, Koederitz, Lehmann, Roberts, Martin, Olson.

A. I. M. M. E.

OFFICERS

President.....Richard Bullock
Vice-President.....Joseph Durrenberger
SecretarySamuel Shaw
Treasurer.....Donald Tone



*Petroleum club branch, officers.
The officers.*

The Student Associate Chapter of the American Institute of Mining and Metallurgical Engineers was established on the campus over thirty years ago with the purpose in mind that students of mining and metallurgy might better discuss the problems currently confronting their industries. At the monthly meetings prominent members of the mining and metallurgical professions present the latest developments in their fields and attempt to answer some of the countless questions which are of interest to the members of the organization.



FIRST ROW: Buettner, Elbaum, Salmas, Ballas, Irani, Sullivan, Ramsey, Potter, Wurtz, Cantwell. SECOND ROW: Canady, March, Knight, Almeter, Eppelsheimer, Gould, Wakefield, Bara, Templeton, Tarwater, McKinnell, Boscia. THIRD ROW: Elliott, Smith, Kent, Tuepker, Bieri, Evans, Henry, Wile, Barrow, Soxman, Friedmann.

A. S. M.

Fall	OFFICERS	Spring
J. P. Tarwater.....	Chairman.....	J. P. Tarwater
L. E. Cantwell.....	Vice-Chairman.....	J. T. Ballas
D. W. Canady.....	Membership Chairman.....	D. W. Canady
L. Friedmann.....	Secretary-Treasurer.....	L. Friedmann
R. B. Barrow.....	Program Chairman.....	E. Soxman N. Gieseffe
Faculty Advisors.....		David S. Walsh John S. Winston

The School of Mines Chapter of the American Society for Metals was organized and established on the campus in October, 1937.

The object of the M.S.M. chapter is to acquaint and bond together the students with mutual interests and to give the student direct contact with the men in industry so that he may visualize what to expect in industry.

By means of lectures from prominent men in the Metallurgical profession, the technical films, monthly publications of Metal Progress, and access to technical books published by the A.S.M., the student is kept abreast of operations and developments in the metal and closely related industries.

Since the A.S.M. is a national organization, the student's membership may be transferred to any other chapter upon graduation.

The officers.





Chief builders.

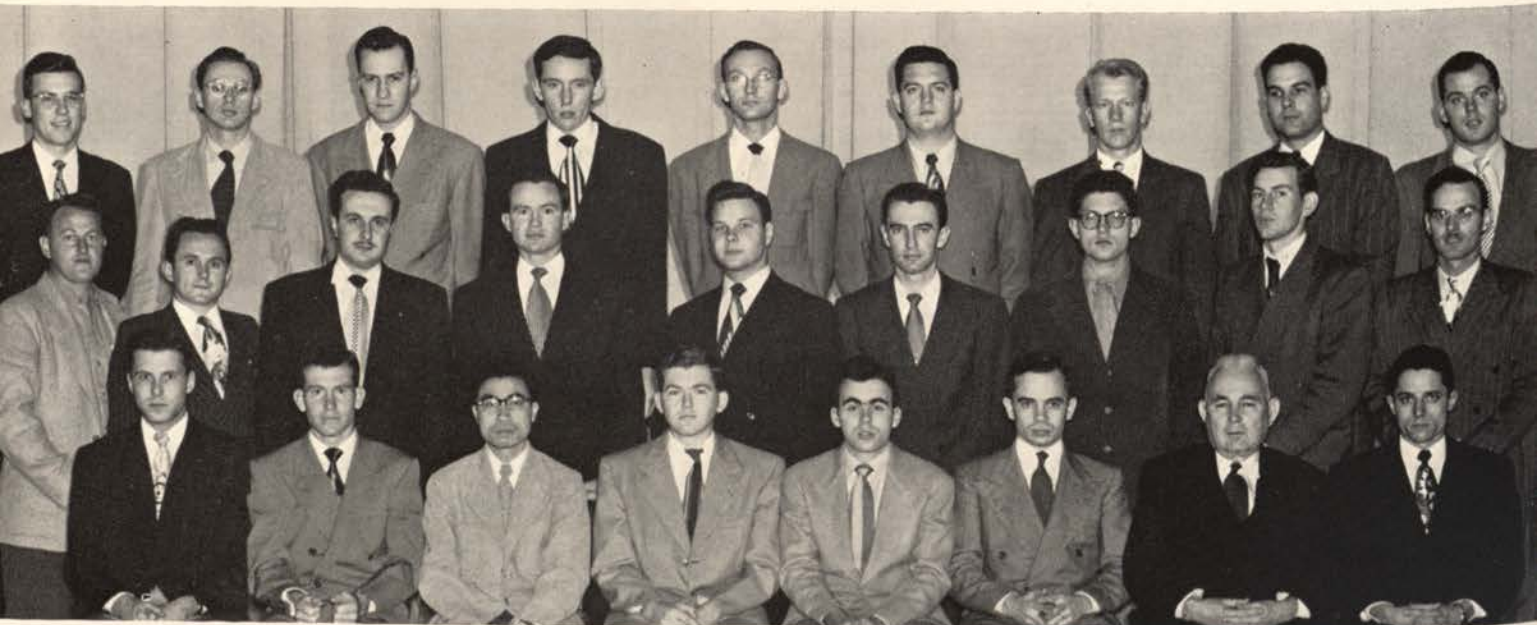
American Road Builders Assn.

The student chapter of the American Road Builders Association was formed during the fall of 1948, under the leadership of Professor Joe Butler. The name of the student chapter was selected in honor of one of the alumni of this school in Civil Engineering, Enoch R. Needles.

The meetings of the student chapter are held once a month. The monthly meetings are planned so as to foster and encourage the full utilization of scientific and educational measures toward the accomplishment of an integrated national highway and airport system, adequate to accommodate the growth and advancement of highway and air transportation.

OFFICERS

President.....	R. Slankard
Vice-President.....	R. Vansant
Secretary.....	R. Zane
Treasurer.....	H. Llewellyn



FIRST ROW: Lancaster, Parrish, Moy, Drewel, Slankard, Llewellyn, Butler, Zvanut. SECOND ROW: J. Clark, Gowell, Kirkagacioglu, McDaniel, Mulholland, Knepper, Vansant, Wilmeier, Burkhardt. THIRD ROW: H. Clark, Bredesen, Borberg, Norton, Penick, Westmoreland, Harwood, Zane, Holland.



FIRST ROW: Llewellyn, Moy, Thompson, Bredesen, Butler, Norton, Roschke, Stott, Zvanut, Holland. SECOND ROW: Keil, Giacomma, Bender, Koederitz, Mansfield, McDaniel, Robotti, Voertman, Bodicky, Schwaig, Montgomery, Castro. THIRD ROW: Ludwig, Bertel, Zane, Bieri, Lancaster, Penick, Ramey, Stickle, Tuegel, Oitto, Johannesmeyer, Kolb.

Student Chapter M. S. P. E.

OFFICERS

President.....John Roschke
Vice-President.....Marion Norton
Secretary.....Richard Robotti
Treasurer.....Dirck Stickle
State A.S.S. Director.....Merril Stott

The officers.

The student chapter of the M.S.P.E., a new organization on the M.S.M. campus, has already made a name for itself.

The organization's function is to advance professionalism and the cause of the engineer. The Engineer in Training Program is an important step towards professionalism. The purpose of this exam is to prepare the young engineer for a full-fledged professional status.

Each student chapter belongs to its respective state society. The states having compulsory registration are increasing so that the importance of the professional engineer is becoming more significant.

The engineer benefits from the Professional Engineering Society. He receives professional backing, makes valuable contacts and receives greater recognition.





FIRST ROW: Hirschfeld, Ellis, Prager, Rice, Rodgers, Duncan, Brewer, Weeks, McGregor, Hahs, Selvaggi, Palmer. SECOND ROW: Conyers, Purnhagen, Schlosser, Wolf, Ruhl, Meek, Mathis, Young, Borgard, Illert, Ramsey, Smid, Zeitz. THIRD ROW: Anderson, Amundson, G. Young, Sleetes, MacZura, Ferns, Barnard, Greiten, Scheffler, Ellis, Laytham, Casler, Rumsey. FOURTH ROW: Jenner, Hopler, Slates, Southern, Jackson, Mullersman, Spencer, Evans, Conci, Theodorides, Patterson, Quick, Keller,

Glee Club

OFFICERS

President.....	W. Patterson
Vice-President.....	C. A. Rice
Secretary.....	C. W. Keller
Librarian.....	T. Quick
Assistant Librarian.....	G. T. Palmer
Director.....	Prof. J. H. Brewer



Chief songsters.



On the first Wednesday evening after the fall semester began, about seventy men attended the initial meeting of the year of one of the hardest working organizations on the campus, the Missouri School of Mines Glee Club. This year the membership is larger than it ever has been in its long history on the campus. The group is directed again this year by Professor John Brewer of the Humanities Department.

The men in the Glee Club don't claim to be professionals, they just like to sing, and they have plenty of chances. During the fall, the Glee Club appeared at the Parents Day Banquet, the Thanksgiving and Christmas Convocations, the Rolla Kiwanis Club Variety Show, and in January they made that "much looked forward to" trip to Lindenwood College. There, a joint concert with the Girls' Glee Club was given, and then the dance afterward was the climax of the trip. In December, the Glee Club and Band, with the assistance of the University Dames, gave a concert of well-known Christmas music. This performance was one of the high spots of the fall semester programs here at M.S.M.

On the spring calendar for the Glee Club were trips to Stephens College and Missouri University, where joint concerts were presented with their Women's Glee Clubs. A Spring Concert was also given here at M.S.M.

As a reward for faithful attendance and plenty of hard work, members are awarded a fine gold key after two semesters of membership.



*The quartet.
Practice makes perfect.
Ready!*



FIRST ROW: Buettner, Elbaum, Salmas, Ballass, March, Sullivan, Ramsay, Potter, Wurtz, Cantwell. SECOND ROW: Algermissen, Wheeler, Knight, Almeter, Eppelsheimer, Gould, Wakefield, Tarwater, Templeton, Boscia, Bevan. THIRD ROW: Elliott, Smith, Kent, Tuepker, Bieri, Evans, Wile, Neumann, Meskan, Barrow, Canady.

OFFICERS

Chairman.....	G. Sullivan
Vice-Chairman.....	J. Templeton
Secretary-Treasurer.....	J. March
Recorder.....	N. Neumann
Membership Chairman.....	W. Wurtz
Program Chairman.....	W. J. Rupprecht
Faculty Advisor.....	Dr. D. S. Eppelsheimer

American Foundrymen's Society

Although the M.S.M. Student Chapter of the A.F.S. has been on the campus only a few years, it has grown in membership until now it is the largest student chapter in the nation. This exceptional growth has been due primarily to the interest and help provided by the St. Louis chapter. Through the assistance of this group, the Foundry Educational Foundation (a branch of A.F.S.) has made available to this campus ten undergraduate scholarships and one graduate fellowship to those students interested in foundry work.

Monthly meetings are held at which noted speakers discuss various phases of the foundry industry.

The Metallurgy Department has equipped itself with a foundry capable of producing both ferrous and non-ferrous castings and possesses the latest equipment for obtaining rapid chemical analyses.



Chief casters.



FIRST ROW: J. Reger, M. Reger, D. Jones, E. Jones, O. Richey, M. Richey, G. Bellis, M. Bellis. SECOND ROW: Gegel, Gilbreath, McGregor, Freebersyser, Winters, Myers, Drewel, Slankard, Banghart. THIRD ROW: Rust, Theodorides, Edmunds, Patterson, Houf, McAninch, Larson, Clark.

Baptist Student Union

OFFICERS

President.....	H. Clark
First Vice-President.....	J. Bellis
Second Vice-President.....	R. Slankard
Third Vice-President.....	D. Jones
Secretary.....	E. Meyers
Treasurer.....	W. Burch

The Baptist Student Union was organized on the M.S.M. campus during the summer of 1947. The objective of the B.S.U. is to link the student with the church and to promote fellowship and entertainment among students. Joining the church at college is an important emphasis of the B.S.U. The welcome social, the friendship manifested, the comradeship of the upperclassmen, are all for the purpose of winning the incoming student to Christ's program in the church and on the campus.

Each week the executive council meets to plan the monthly meetings. The formal monthly meeting is followed by a fellowship hour consisting of games, songs, and refreshments.

The outstanding activities of the B.S.U. are the state convention, annual fall banquet, Christmas party for under-privileged children, spring banquet, and the spring retreat.



The officers.

Tech Club

OFFICERS

President.....	W. Burch
Business Manager.....	R. Vansant
Secretary-Treasurer.....	J. Winters
Board of Control.....	J. Boyles
	J. Mulholland
	D. Willis
	R. Young
	J. LaBouff



FIRST ROW: Trotter, Lancaster, Robel, Salmas, Vansant, Winters, Willis, Young, Burch, Freebersyser, Drewel, Slankard. SECOND ROW: Knight, Gilbreath, Clark, Wakefield, Minnick, Bara, Blackman, Kinert, Herbert, Templeton, Jennings, Myers, Peterson, Woodcock, Forister, Johnston. THIRD ROW: Conci, Horine, Almeter, Schlosser, Ford, Harper, Dillender, Gephart, McClaine, Quick, Stopkevyc, Swearingen, Boyle, Crow, Tuepker, McAninch. FOURTH ROW: Commerford, Dienstbach, Jackson, Johannesmeyer, Perryman, Stickle, Haynes, Soehlke, Spencer, Slover, Keller, Tarr, Fris, Vance, Teagarden, Patterson, Rumsey.

In its third year on the M.S.M. campus, the Tech Club continues to fulfill its objective of providing good, nutritious meals for approximately one hundred students. The club was organized as a Co-op under the laws of the State of Missouri and is governed by a Board of Control consisting of a president from the senior class, two juniors, two sophomores, a secretary-treasurer, and business manager.

Since its beginning the Tech Club has gone far. Besides providing good meals at reasonable cost, it has become a place where its members congregate at meal times to tell the latest joke, gripe about the rough test they had that day, or listen to the other fellows' latest news.

In intramural sports the club is fast gaining the respect of other organizations. Finishing up in eighth place last year in the intramural standings, the club has hopes of being in the top four or five this year.

Early last semester the fellows said goodbye to one of the most active members, Dick Stevens, who was recalled by the Marine Reserves. A member of the Board of Control, he could always be counted on to get in a plug for the Tech Club and M.S.M., whether he was sitting down in Tucker's or out with some luscious babe from Stephens.



*Chow time.
Crow studying?
The Club.*

One more for dinner.



*"Money Bags."
Clay pits.
"Foggy."*

Shipman kid.

*Convention.
Bull session.*

Clean up.

Satan.

*Second "Big Jim."
Social outing.
Homecoming decorator.*

Posing.

Gamma Delta is an international association of Lutheran students founded in 1934 at Chicago, Illinois. The Alpha Phi Chapter was installed on the M.S.M. campus on February 4, 1945. Among its objectives are: the promotion of religious welfare (expressed in service to the church and community), scholarship among its members, and a program of sports and social activity to supplement the academic life.

Besides ushering at church services, the members have contributed altar cloths to Immanuel Church in Rolla. The pledge project of Alpha Phi pledge classes is usually a gift of energy applied to refurnishing worn church

equipment. At Christmas a needy family receives a supply of food, and in the winter another impoverished family is supplied with milk.

Scholastically, Gamma Delta ranked second among the M.S.M. fraternities last year. Every effort is made to improve each previous record. In intramural sports, Gamma Delta participated in nearly every sport and finished sixteenth in the standings.

In retrospect, 1950-'51 has been another profitable year. With the help of our growing alumni group, the chapter has reason to build optimistically for the years ahead.

Gamma Delta



Fall	OFFICERS	Spring
E. Blendermann.....	President.....	E. Kolb
M. Buettner.....	Vice-President.....	H. Geidel
E. Achterberg.....	Secretary.....	G. Young
R. Tuegel.....	Corresponding Secretary.....	M. H. Beaver
W. Dannenbrink.....	Treasurer.....	W. Dannenbrink
E. Kolb.....	House Manager.....	R. Tuegel
K. Voertman.....	Steward.....	W. Unger
E. Hohlfelder.....	House Clerk.....	C. Taylor



FIRST ROW: Buettner, Dunn, Geidel, Voertman, Steinbach, Kolb, Young, Blendermann. SECOND ROW: Lilienkamp, R. Mueller, Knueppel, Herring, Stearns, Haltermann, Achterberg, Dannenbrink, Egan, Unger, Fritschen, Hohlfelder. THIRD ROW: Sieck, Haertling, Hoffstetter, A. Mueller, Schneider, Abendroth, Miller, Phillips, Taylor, Weber, Sundermeier, Tuegel.



The leaders.

M.S.M. Players

The M.S.M. Players constitute the dramatic group on the campus. Membership is open to dramatic aspirants, students and non-students alike. In recent years this organization has projected itself into the limelight through a number of highly successful productions. The 1950-1951 season was enlivened by the presentation of "The Male Animal". A wonderful response by the student body rewarded members of the cast for their untiring efforts and sacrifice.

The organization has as its objectives: a strivance to develop greater dramatic prowess among the interested students and the attainment of an increased knowledge of the well-known dramatic artists and arts.

This spring the group presented "The Show-off". The success of this play was imminent under the capable leadership of Mr. William Murphy.

OFFICERS

President.....	W. Harper
Vice-President.....	W. Rushlan
Secretary.....	E. Roster
Faculty Advisor.....	William J. Murphy



J. Purnhagen, Rushton, Woodcock, Roster, Carney, Harper, H. Purnhagen, Aker, J. Oitto, R. Oitto, Tippit.



FIRST ROW: J. Ruhl, Crow, Knight, Rev. Hicks, Vansant, Bowlin, Keller. SECOND ROW: Kerr, R. Ruhl, Westerman, Murray, Dye, Henriksen, Venarde.

Wesley Foundation

OFFICERS

President.....R. Vansant
 Vice-President.....T. Knight
 Secretary-Treasurer.....R. Crow
 Director.....Rev. R. Hicks

Wesley Foundation, a Methodist organization, was originated on the campus of M.S.M. in 1946 and has become one of the leading non-fraternal organizations on the campus.

Last fall, the Homecoming weekend was started off with a barn dance, caller and all, in a barn east of town. After a lunch in the church parlor on Saturday afternoon, everyone watched a Homecoming victory over Springfield. At the banquet, Saturday evening, Gene Northern was the speaker. Among the guests were several of the alumni who presented interesting news concerning industry. After the Homecoming Dance, at the gym, refreshments were served at the Fellowship House.

Some plans have already been made for the traditional float to welcome St. Pat. Girls are expected from all parts to help the members celebrate the return of the Patron Saint.



The officers.



FIRST ROW: Minnis, Rhodes, Stinger, Crowell, Simpson, Boscia, Sullivan, Ramsay. SECOND ROW: Jenner, Yali, Koedding, Penick, Phelps, Garten, Clements, Oitto, Hesse. THIRD ROW: Quinn, Lange, Robinson, Hughes, Miller, Laytham, Carl, Tonking, Faulkner.

University Dames

The officers.



Fall	OFFICERS	Spring
M. Mennis.....	President.....	J. Simpson
M. Crowell.....	Vice-President.....	J. Clark
R. Rhodes.....	Corresponding Secretary.....	B. Boscia
J. Hughes.....	Recording Secretary.....	J. Ramsay

The local chapter of University Dames, composed of student wives, was organized in 1941. This club provides a means of entertainment and cultivating friendships. It is sponsored by a board of faculty wives and is headed by the wife of the Dean.

Listed among the activities this year were a tea, fashion show, Christmas party, bridge party, bazaar, and a float was entered in the St. Pat's parade.

The programs of the year's meetings have included a book review, the Girls' Glee Club from Rolla High School, a string ensemble, a talk by the Dean, and a piano concert.

Subsidiary clubs of the Dames are the Work Basket, Drama, Bridge, Pinochle and Canasta clubs.



FIRST ROW: Highfill, Spencer, Cauthorn, Light, Zumsteg, Morefield, Vansant, Govatos, Bowlin, Grace. SECOND ROW: Quick, Ashburn, Smith, Fitzgibbon, Algermissen, Rogers, Poe, LaBouff, Holland, Patterson, Crum, Schemel.

Pershing Rifles

OFFICERS

Commanding Officer.....	G. S. Morefield
Executive Officer.....	R. E. Zumsteg
Staff Officers.....	{ J. N. Govatos
	{ R. E. Vansant
	{ W. H. Bowlin
	{ D. W. Spencer

Top brass.

The Pershing Rifle unit at M.S.M. is part of a nationwide organization founded in the name of General of the Army John J. Pershing. The national headquarters is located at the University of Nebraska. There are sixty-six companies organized into eight regiments. Our unit is Company K of the Seventh Regiment with headquarters at Oklahoma A. & M. K-7 is a relatively new company, its charter being awarded in the spring of 1949. K-7's predecessor was an organization known as the Detonators, which was a crack drill team.

In the past, the main activity of K-7 was that of providing an honor guard and firing party for the funerals of Rolla's returning war dead. In conjunction with the local posts of the American Legion and the Veterans of Foreign Wars, K-7 participated in about fifteen funerals. K-7 provides a drill team which performed saber drills at the Military Ball this year as in previous years.





Engineers Club

The officers.

Fall	OFFICERS	Spring
J. Gardner.....	President.....	D. Ramey
R. Zane.....	Secretary-Treasurer.....	J. Finklang
R. Becker.....	Business Manager.....	W. H. Bowlin
R. Carl.....	Board of Control.....	R. Carl
J. Reynolds.....	Board of Control.....	R. Corrigan
W. Hahne.....	Board of Control.....	W. Hahne
R. Corrigan.....	Board of Control.....	J. Reynolds



FIRST ROW: O'Connell, Duncan, Baldwin, Abernathy, Rosche, Trace, Mallon, Ramey, Roschke, Norton, Reynolds, Crawford. SECOND ROW: Steele, Wood, Comanich, Bock, Williams, Bender, Madison, Poschel, Hausmann, McIntyre, Hirner, Lackey, Hamby, Holland. THIRD ROW: Beachler, Knobel, Carl, Honigfort, Gardner, St. Clair, Bennet, Sweeney, Gegel, Bowlin, Andrews, Harrawood, Drete, Drewel. FOURTH ROW: Mace, Hurt, Zane, Neely, Vanfossen, Becker, Mullersman, Scheffler, Hahne, Freiburger, Corrigan, Bertel, Breazeale, Henry.

The Engineers Club is the oldest student co-operative organization on the Missouri School of Mines campus. The purpose of the Engineers Club is to furnish the most wholesome, yet the most economical meals available in Rolla. Another purpose is to promote student relations and to induce its members to actively participate in student organizations and activities.

The Engineers Club also desires its members to enter into the field of competition by either participating in the varsity sports at M.S.M. or in the school's extensive intramural athletic program. Although this is not mandatory, the Engineers Club believes the developing of the spirit of competition and good fellowship are prime requisites in preparation for the "outside world".

The officers and members of the Board of Control are elected each year upon their ability, popularity, and active interest in the Engineers Club. This year's officers, as those of the past years, have tried to promote improvements that were thought desirable, and hope that those succeeding them have as much co-operation and success as they have had.

We wish to express to our members and the class of '51 the best of luck and may all your desires of success come true.



*The "club."
Seconds?
Chow time.*



FIRST ROW: Perry, Stevenson, McHugh, McEvilly, Simpson, Schlosser, Bond, Humphrey. SECOND ROW: Keil, Greig, Hilburn, Miles, Wargo, Donaldson, Sundholm, Banghart, Olson, Shulaw. THIRD ROW: Johnson, Jackson, Moore, Newkirk, Shepard, Zinke, Gardner, Sobie, Fairchild, Blendemann.

C. L. Dake Society

The C. L. Dake Geological Society is an organization for those students majoring in any earth science curriculum. Its purposes are to perpetrate an interest in the earth science fields and to provide a means for earth science majors to become better acquainted.

The society is drawing up a petition to reactivate the Eta Chapter of Sigma Gamma Epsilon, a national earth science fraternity, which was formed on this campus in 1921.

Fall	OFFICERS	Spring
A. W. Sundholm.....	President.....	T. Simpson
M. A. Sobie.....	Vice-President.....	G. Schlosser
R. G. Miles.....	Secretary-Treasurer.....	R. Zinke
T. Simpson.....	Corresponding Secretary.....	J. Quinn

Band

The band, which is a combination of the R.O.T.C. and school bands, plays for all military functions, home football games, and any special occasions that the Dean may designate.

The band is composed of forty members and is under the directorship of Professor William R. Phillips.

OFFICERS

Group Leader.....	W. W. Fairchild
Director.....	Mr. W. R. Phillips



FIRST ROW: Fairchild, Patterson, Swearingen, Haertling, Helm, Egan, Willis, Williamson, Ogle, R. Ruhl. SECOND ROW: Conyers, Walsh, J. Ruhl, Astroth, Grace, D. Puyear, B. Puyear, Schejbal, Schemel, Sgt. Whitney. THIRD ROW: Highfill, McMullen, Van Buskirk, Akers, Babcock, Fitzgibbon, Fisher, Armer, Murry, Phillips.



FIRST ROW: Roberson, Vose, Evans, Sanders, Moulder, Montgomery, McDaniel, Tarantola. SECOND ROW: Cowan, Gotsch, Koederitz, Shepard, Thompson, Ruppert, Tabachnick. THIRD ROW: Jackson, Schafer, Pape, Weaver, Ulz, Licata, Walsh.

Interfraternity Council

The Interfraternity Council is composed of one chosen representative and his alternate from each social fraternity on the campus.

The council is the governing body of these organizations. It is the job of the council to interpret the interfraternity rules and regulations and maintain close harmony and cooperation among fraternities.

Fall	OFFICERS	Spring
B. Tarantola.....	President.....	D. Montgomery
H. McDaniels.....	Vice-President.....	W. Vose
D. Montgomery.....	Secretary-Treasurer.....	J. Evans
Editor, Freshman Booklet.....		J. Evans

Radio Club

The M.S.M. Radio Club was founded in the fall of 1931 by a group of students interested in amateur radio. The club offers to students interested in radio an opportunity to build and operate radio equipment and is open to any student on the campus. The club station, WOEE, serves a dual purpose in providing enjoyment for its members and a means for communication in times of emergency if commercial facilities were to fail.

OFFICERS	
President.....	R. H. Koontz
Vice-President.....	E. F. Tuck - H. C. Kerr
Secretary-Treasurer.....	T. E. Million
Program Chairman.....	J. Quick
Faculty Advisor.....	Mr. Skitek



FIRST ROW: Quick, Koontz, Skitek, Ashburn, Million, Thompson. SECOND ROW: Crum, Kerr, Hofer.



FIRST ROW: Mallon, Ludwig, Davidson, Robotti, McDowell, Macke. SECOND ROW: Murphy, Coonce, Rust, Mullersman, Skitek.

Theta Mu

Theta Mu was established at M.S.M. December 5, 1950, as an honorary Electrical Engineering Fraternity. Its aims are to foster higher scholastic standing, recognize achievement among students of Electrical Engineering, and to further the esteem of the profession.

Membership is limited to students of Electrical Engineering who rank in the upper twenty-five per cent of their class.

OFFICERS

President.....	D. Robotti
Vice-President.....	J. Davidson
Secretary.....	F. Mullersman
Treasurer.....	M. Ludwig
Faculty Advisors.....	Mr. R. E. Nolte
	Mr. G. Skitek

International Fellowship

The International Fellowship was organized here on the M.S.M. campus in the fall of 1949. The Fellowship was founded to create a better understanding between different nationalities and to promote world brotherhood for the sake of peace and prosperity of all nations. The Fellowship not only provides friendship and fellowship for new foreign students and its members, but also encourages them to participate in extra-curricular activities on the campus.

Fall	OFFICERS	Spring
E. I. Arson.....	President.....	R. Patel
L. Gaillard.....	Vice-President.....	R. Orlansky
R. Patel.....	Secretary.....	B. Billingham
A. Shepard.....	Treasurer.....	F. Alvarado
Faculty Advisor.....		Dr. Paul G. Herold



FIRST ROW: Ahmad, Afghanistan; Brewer, United States; Arsan, Turkey; Yali, Turkey; C. Yali, Turkey; Leisure, United States; Dabbous, Syria; Maheshwary, Indian. SECOND ROW: Sedalia, India; Alvarado, El Salvador; Aker, Turkey; Dokuzoglu, Turkey; Shepherd, Peru; Patel, India; Haugsyok, Thailand; Lum, United States; Khaw, Burma. THIRD ROW: Basakinci, Turkey; Gandhi, India; Ocal, Turkey; Gaillard, Peru; Perret, Cuba; Bolay, Turkey; Demarco, Argentina; Theodorides, Turkey; Billingham, New Zealand; Stopkevyc, Germany; Pulido, Colombia; Kirkagacioglu, Turkey.

Campus Scenes



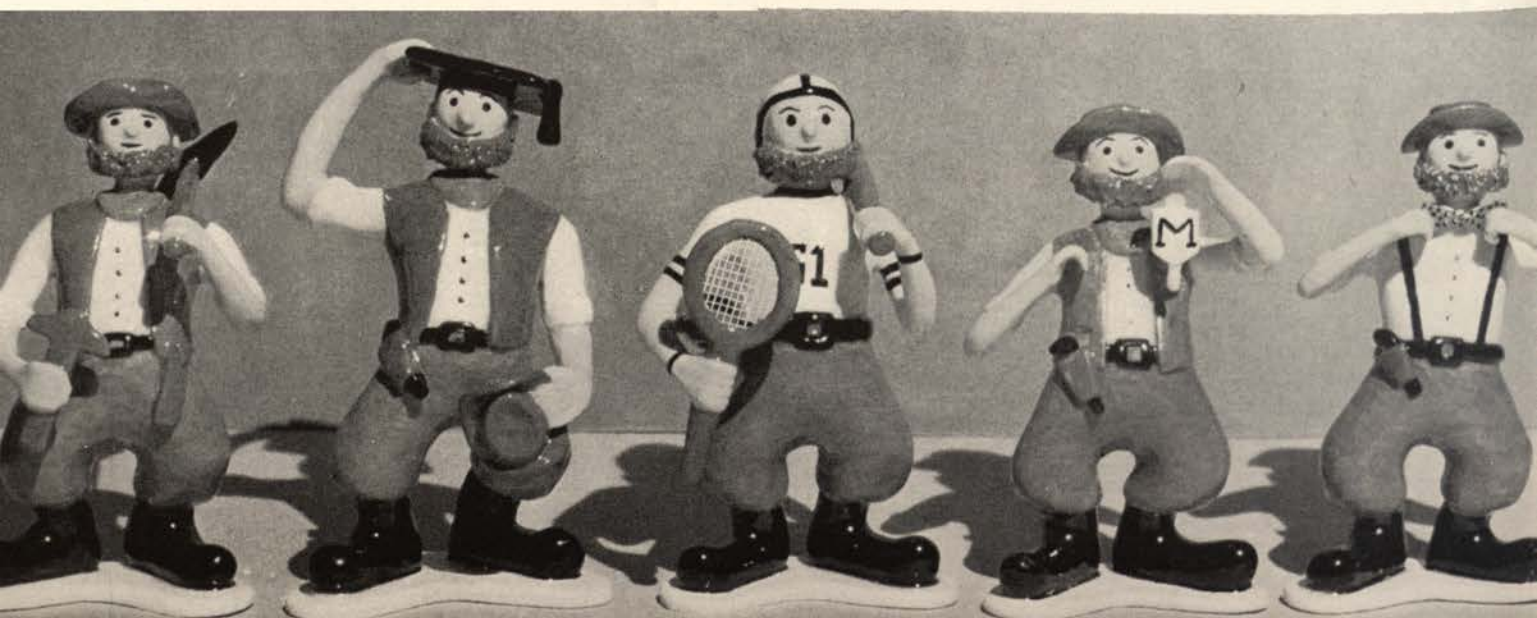
*What's the tie for?
Pep rally.
M.S.M. Players in action.
Hildy performs.*

*He made an "E".
Tolling a winner.
Clay and friend.
Oh, my aching back!*

*Ticket stand.
Light-up time.
Hildegard.*

WHERE are you going tonight, Joe, with that new tie? Is there a school dance or is it a fraternity affair? Whatever it is, Joe, we know that you will have a good time and will find a welcome break from the books. Remember, Joe, you are not in school only to advance in technical knowledge but also to improve your personality and character. Have a good time, Joe.

Social







Alpha Epsilon Pi

Fall	OFFICERS	Spring
N. H. Kaplan.....	President.....	J. K. Elbaum
L. H. Wolfberg.....	Vice-President.....	D. Tabachnick
I. Hutkin.....	Secretary.....	N. H. Kaplan
P. Hauser.....	Treasurer.....	L. H. Wolfberg
D. Tabachnick.....	House Manager.....	D. Cohen
J. K. Elbaum.....	Steward.....	D. Cohen
Chapter Advisor.....		M. Fine

AET



FIRST ROW: Neiman, Wolfberg, Elbaum, Cohen, Duchek, Gleiser, Kaplan. SECOND ROW: Tabachnick, Fisher, Hutkin, Weiss, Hausner, Deutsch, Soriano.

Alpha Epsilon Pi Fraternity was founded at New York University December 13, 1913. The fraternity has as its goal the development of a high standard of social and intellectual fellowship among its members so that they may be better fitted to take proper seats in the universities and communities of America. From the beginning the fraternity was planned by its founders as a national college fraternity and it now has 52 chapters in the United States and Canada.

Nu Deuteron Chapter was installed on the campus of the Missouri School of Mines in May, 1947. Though it has always been relatively small in size, the chapter has never failed to give a good account of itself in all its campus activities, whether scholastic, social or athletic.

From the very outset the chapter made its name renowned for scholarship and some of the best social affairs on the campus. In addition to a joyous Homecoming and St. Pat's, this year's social calendar included a Pledge Dance, South Seas party, and Anniversary Dance. All were well attended and tales of the many happy times had at them still echo around the campus.

In athletics, Alpha Epsilon Pi has always been known as a hard-fighting outfit, even if at times on the losing end. Though taking no firsts this year, it has made a good record and it is hoped that in the not too distant future the fraternity will take first place in campus intramural athletics.

At the present time the chapter is housed at 1109 Pine, but this is only a temporary address as a new location is being sought for next year.

As this school year closes the fraternity must bid farewell not only to its graduating seniors but also to those men who must leave to serve their country in its time of national emergency. It is hoped that they will always remember Alpha Epsilon Pi and the Missouri School of Mines with the same fondness with which they are remembered.



*Dangerous Dan.
Shake it, kid!
Where's the lawnmower?*

*Sitting this one out.
Paradise Island.
Homecoming decorations.*



Oh, C. J.!
The leaders.

The 4 □'s.
Keep trying, Jerry.

K. P.

No!
DeHekker at work.

Kappa Alpha, one of the oldest of the national fraternities, was founded on the campus of the Washington and Lee University in 1865. Beta Alpha Chapter of Kappa Alpha Order was instituted on the campus of the Missouri School of Mines on April 27, 1903, becoming the second national fraternity to appear on this campus. Since that time the chapter has strived on all occasions to maintain its high standing on the campus. The Southern Gentlemen are constantly aspiring to uphold their reputation for hospitality and true friendship.

The first event of the year at the Kastle was the rushing program, which was brought to a successful termination by the pledging of twelve men. The first dance of the year, our annual pledge dance, was given in their honor, and through its success the mood was set for the remaining dances of the year. The Christmas Dance was the next on the agenda; it was held just before the holiday vacation and constituted a fitting celebration to start the holiday

season. Soon after the mid-term vacation, the chapter observed the birthday of Robert E. Lee, the spiritual founder of the Order. The Sweater Dance, held the tenth of February, was one of the better dances of the year. After the explosion of the St. Pat's festivities had quieted down and the smoke had cleared, the final dance of the year was held in the usual Dixie style. This was our annual Spring Formal.

Kappa Alpha has taken an active part in the intramural sports program at M.S.M. during the past year by entering all the phases of competition. Wrestling and boxing were two sports in which the Southern Gentlemen took an exceptional interest and in which they materially helped the intramural sports standing of the house.

The men of Kappa Alpha have taken an ever-increasing interest in interfraternity and campus activities. Through this interest, Kappa Alpha plans another year of progress on the campus at the Missouri School of Mines.

Kappa Alpha Fraternity



OFFICERS

President.....T. L. Hanson
 Vice-President.....G. E. Fish
 Secretary.....M. C. Hockenbury
 Corresponding Secretary.....R. O. Holland
 Historian.....N. M. Hall
 Treasurer.....J. Weaver
 Steward.....T. L. Brown
 House Manager.....C. J. Moser
 Alumni Advisor.....W. M. Taggart
 Faculty Advisor.....K. M. Moulder



FIRST ROW: Pape, Givens, Weaver, Hockenbury, Fish, Holland, Wilson, Rieder, Hirschfeld. SECOND ROW: DeHekker, Thiele, Watson, Moser, R. Wilson, Dunn, Cushman, Mansfield. THIRD ROW: Kneavern, Getson, Palmer, Zumsteg, Bloess, Sohrner, King, Hoppler. FOURTH ROW: Kinas, Brown, Goin, May, Wenzel.



Kappa Sigma Fraternity



*Ho! Ho! That's rich.
Socialites.
Pledges and dates.
More of the same.*

*Politicians.
Harmony?
Party time.
Fire in the
hole. Homecoming doings.*

Kappa Sigma was founded at the University of Virginia in 1869. The Beta Chi Chapter was installed at the Missouri School of Mines on November 5, 1903, and was one of the three social fraternities which were chartered here in that year.

Since that big year in the history of our chapter, Beta Chi has taken a leading part in the activities of the school which include intramural sports and the annual Interfraternity sing.

The big social event of the year was the annual Pledge Dance which was enjoyed by all. As the Christmas spirit was drawing to its peak, Kappa Sig gave a Christmas party for the needy children of the area. Joe Geers was ole St. Nick and the junior class did a splendid job of arrangement.

Our boy, "Spongy" Spiniello, has started a new fad around the house ever since he imported a load of plaid vests from the East Coast. In the hunting department Chuck Christian was

named "the man with the most realistic decoys" by the Missouri game wardens. So far this year nobody has gotten their greetings from Uncle Sam, although a few of the boys are trying to become fly boys like Jim Savens. Big Louie and his henchmen from "Chi" finally muscled in on "Bookie" Bolanovich and forced him to close shop. Several fellows around the house seriously thought about switching to the Chemistry Department ever since Professor "Cookie" Frank started driving around his new Mercury. During the past year Bill "The Toe" Koedding and Jim "Bubbles" Walton the Fifth lettered in varsity sports and were initiated into the "M" Club. It looks like "granddaddy" Hackel is finally going to leave us. We all wish Bill and the rest of the graduating seniors the best of luck as they go into industry.

During the past year the Mothers Club donated a new record player to the house, and we have added a new look to the basement by the addition of knotty pine to the bar-room. In the near future we hope to get new furniture and carpets for the first floor.

One of the best memories of the past year was a visit from our Worthy Grand Master, Brother Francis Van Derbur. Knowing a man like Brother Van Derbur makes us all proud that we, too, are Kappa Sigs.



Fall	OFFICERS	Spring
J. Koch.....	Grand Master.....	J. V. Spiniello
R. Hirsch.....	Grand Procurator.....	R. Rafferty
S. Shaw III.....	Grand Scribe.....	J. E. Evans
J. E. Geers.....	Grand Treasurer.....	T. Ruppert
J. V. Spiniello.....	House Steward.....	J. V. Spiniello
J. E. Evans.....	House Manager.....	J. E. Evans
D. E. Glenn.....	Grand Master of Ceremonies.....	H. Gregg
Chapter Advisor.....		K. Frank



FIRST ROW: R. Ruppert, C. Anderson, McEntee, Koedding, Dowdy, Schlosser, Jones, Spiniello, Rafferty. SECOND ROW: Smith, Cameron, Mallow, Heilich, Schlesing, Hackel, Arter, Walton, Gaddy. THIRD ROW: Greig, Myers, Gordon, Laubach, Hirsch, T. Ruppert, Conyers, Miller, Buschart. FOURTH ROW: Andersen, Schaefer, Christian, DeVaney, Geers, Evans, D. Anderson, Crutcher, Huffman.



Lambda Chi Alpha Fraternity

Alpha Delta Zeta of Lambda Chi Alpha was formed on this campus in 1917 from an organization known as the "Muckers". Harry Kluge, Alpha Delta number one, was the first president. Since that time, 382 men of this chapter have carried on the traditions established by the national organization which was founded at Boston University in 1909.

For thirty-three years Lambda Chi was housed at 800 Olive Street. In the spring of 1950, property was purchased and preliminary



Fall	OFFICERS	Spring
R. Morris.....	President.....	J. Stovall
W. Plummer.....	Vice-President.....	R. Grady
R. Grady.....	Secretary.....	J. Borberg
P. Jeffers.....	Treasurer.....	H. Roberson
D. Roloff.....	Rushing Chairman.....	J. Thompson



FIRST ROW: Roberson, Rice, Stephenson, Hallows, Grady, Gray, Weeks, Law. SECOND ROW: Barnard, Thompson, Halliday, Nesbit, Biddulph, Heineck, Rodgers, Robotti, Douglas, Fairchild, Houseknecht. THIRD ROW: Motta, Lush, Jolly, VanDusen, Woodruff, Hull, Ferber, Roloff, Linneman, Hill, Morris, Steglitz, Langston. FOURTH ROW: Westover, Jeffers, Crosby, French, Hooks, Borberg, Plummer, Stovall, Bullivant, Kulig, Blevins, Tindall, Laible, Meeks, Nevin.

plans made for building a new home, but immediate action has been dropped. In the meantime quarters have been taken up in a house on 10th Street, which with a lot of work on the part of the active members and pledges, has turned into a very suitable fraternity home.

Lambda Chi Alpha's policy is to function as an active organization on the campus by participating in all intramural activities and by having members who are eager to gain position in campus organizations. We copped first honors and a big cup for the best float at the 1950 St. Pat's celebration, took second place in the Interfraternity Sing for the past two years, third in intramural football and second in softball. Some of the members holding office in school organizations are: George Ferber, president of the St. Pat's Board, Val Steiglitz heads Theta Tau, while in the military department John Stovall is Cadet Colonel.

The main house activities of the year are the annual Harvest Dance and Senior Farewell Dance, the former being a very informal affair and the latter a semi-formal event. The fraternity's birthday anniversary is held each March with a banquet and is usually honored by the presence of Alpha Delta's first member.



*Original "S. & H".
Dick, Jaime "Begin the Beguine".
Nice work, Dale.
Heineck again.*

*The wheels.
"Dangerous Dan and Lou."
More "S. & H."
"Friendly Fred" awake!*



Monty mops.
Ouch!
Gruesome foursome.

Bauer and his Brownie. Her blind date.
"The Ship Titanic."
"Frosty" and his friends.

Der Wheels.
Sittin' one out.
Homecoming.

Beauty and the Beast. "Egad, it's Eager!"
Shed House trio.
"Smearin' up Tiny."

The Pi Kappa Alpha Fraternity was founded on March 1, 1868, at the University of Virginia. This year Alpha Kappa Chapter at the Missouri School of Mines celebrated its 45th anniversary on the campus with a Founders Day Banquet on March 4.

These years at M.S.M. have boosted the fraternity to the top positions on the campus scholastically, socially, and athletically. Already acclaimed as one of the most beautiful houses in Rolla, the chapter house received its share of attention this past year. The exterior was painted and the entire basement refinished. A new mirror from the Mothers Club and a Christmas gift from La Femme (presented at the Winter Formal) gleam brightly over the fireplace in the living room. For the more practical side of life, a new stoker was purchased by the Mothers Club to warm up those cold and endless winter nights.

The 1950-1951 social season got started on

the right foot with the Fall Pledge Dance early in October. Shortly following this came Homecoming. The chapter was pleased to entertain the alumni returning for this event by having a well-planned open house. To carry the banner the remainder of the year was the Winter Formal in December, the Bum's Ball in February, the Spring Pledge Dance in May, and of course the gala St. Pat's celebration. Not to be forgotten were the programs planned for the parents. In October a banquet was held in conjunction with the M.S.M. Parents Day activities. The "Pikers" also gave a real meaning to Mothers Day with an open house and banquet in honor of the Mothers.

Among the new brothers initiated into the Pi Kappa Alpha Fraternity this year were two members of the M.S.M. faculty. These outstanding men were D. S. Eppelsheimer of the Metallurgical Engineering Department and J. A. Steinmeyer of the Humanities Department.

Pi Kappa Alpha Fraternity



Fall	OFFICERS	Spring
W. E. Horst.....	President.....	R. H. Bauer
R. E. Schuchardt.....	Vice-President.....	B. L. Keil
J. M. Robertson.....	Treasurer.....	J. R. Scrivner
F. A. Giacoma.....	Secretary.....	J. L. Eason
B. L. Keil.....	House Manager.....	R. A. Hoffman
D. S. Gould.....	Pledgemaster.....	L. E. Smith
V. A. C. Gevecker....	Faculty Advisor.....	D. S. Eppelsheimer



FIRST ROW: Burgess, Poe, O'Brien, Gerard, Cole, Krispin, Koelling, Scrivner, Montgomery. SECOND ROW: Powell, Schejbal, Tellefsen, Smith, Stevens, Wyman, Giacoma, Wheeler, Thompson. THIRD ROW: Minnis, Walsh, Kiesling, Hoffmann, Bauer, Egan, Dever, Ordermann. FOURTH ROW: Hacker, Keil, Spittler, Wahl, Schneider, Perkinson, Smith, Hollocher, Smid, Mathis, Eacon.



Sanders to Thurston.

My man!



Force feed?

Everybody wants in the act.



Jitterbugging's no fun.

Christmas Party.



Homecoming.

Big Cogs.

Practice makes perfect.

The Gamma Xi Chapter of Sigma Nu Fraternity was the first social fraternity established on the Missouri School of Mines campus, being chartered in 1903. Since receiving its charter, it has grown to be one of the largest and most financially settled organizations on the campus.

During the past couple of years, the fraternity has suffered the loss of many men due to graduation. These vacancies have been filled by the many new men who have entered the ranks as members. This year's pledge class was probably one of the largest ever known to the chapter. In September a group of twenty-

four men were pledged with a few more added to the list in February.

In the past few years Sigma Nu has been one of the top contenders of the Intramural Crown. This year was no exception as the Snakes again were above the average. A first place was taken in swimming and a second was enjoyed in both touch football and cross-country. The basketball team was a great success, with the play centered around a fast break.

The new addition to the fraternity in the past year was the Mothers Club. The club received its charter at the Homecoming ceremonies held

Sigma Nu Fraternity

Fall	OFFICERS	Spring
H. E. Kennedy.....	Commander.....	Connelly Sanders
W. K. Theerman.....	Lt. Commander.....	Bruce Tarantola
Richard Bullock.....	Treasurer.....	Richard Bullock
J. E. Gray.....	Recorder.....	James Tietjens

at the chapter house last fall. The group's interest has shown a marked effect on the chapter and the fine contributions have greatly aided the chapter's program.

The social committee of Sigma Nu did an excellent job in 1950-'51, for many successful parties were given at the "Snake House". In the fall it was the Pledge Dance, Christmas Formal, and the Annual Yukon Party. In the spring semester following St. Pat's, the chapter held its Spring Formal.

Through its members, Sigma Nu has obtained many honors in the past year. Many of the campus organizations have been under the leadership of our members. These men have proven to many that Sigma Nu has produced leaders. It has produced leaders both in the school and on the outside. In every instance the fraternity, as a whole, has never failed to live up to its high ideals and it has won friends in everything it has undertaken.



FIRST ROW: Ellis, Hallet, Kemp, Gray, Lewis, Riley, Lincoln, Chappell. SECOND ROW: Zacher, Robbins, Kent, Oliphant, Snaders, Oberschelp, Scott, Smith. THIRD ROW: Thurston, Gregoire, Millar, Cruse, Theerman, Jehlen, Bullock, Vienhage, Fuller, Gorman, Tarantola, Martin. FOURTH ROW: Grube, Giddens, Hook, Rucker, Tietjens, McCreary, Nichols, Castro, Kadner, Dempsey.

Sigma Phi Epsilon

To present Sigma Phi Epsilon in a book such as this is a task not taken lightly, since to bring you the heartbeat of our fraternity is our purpose.

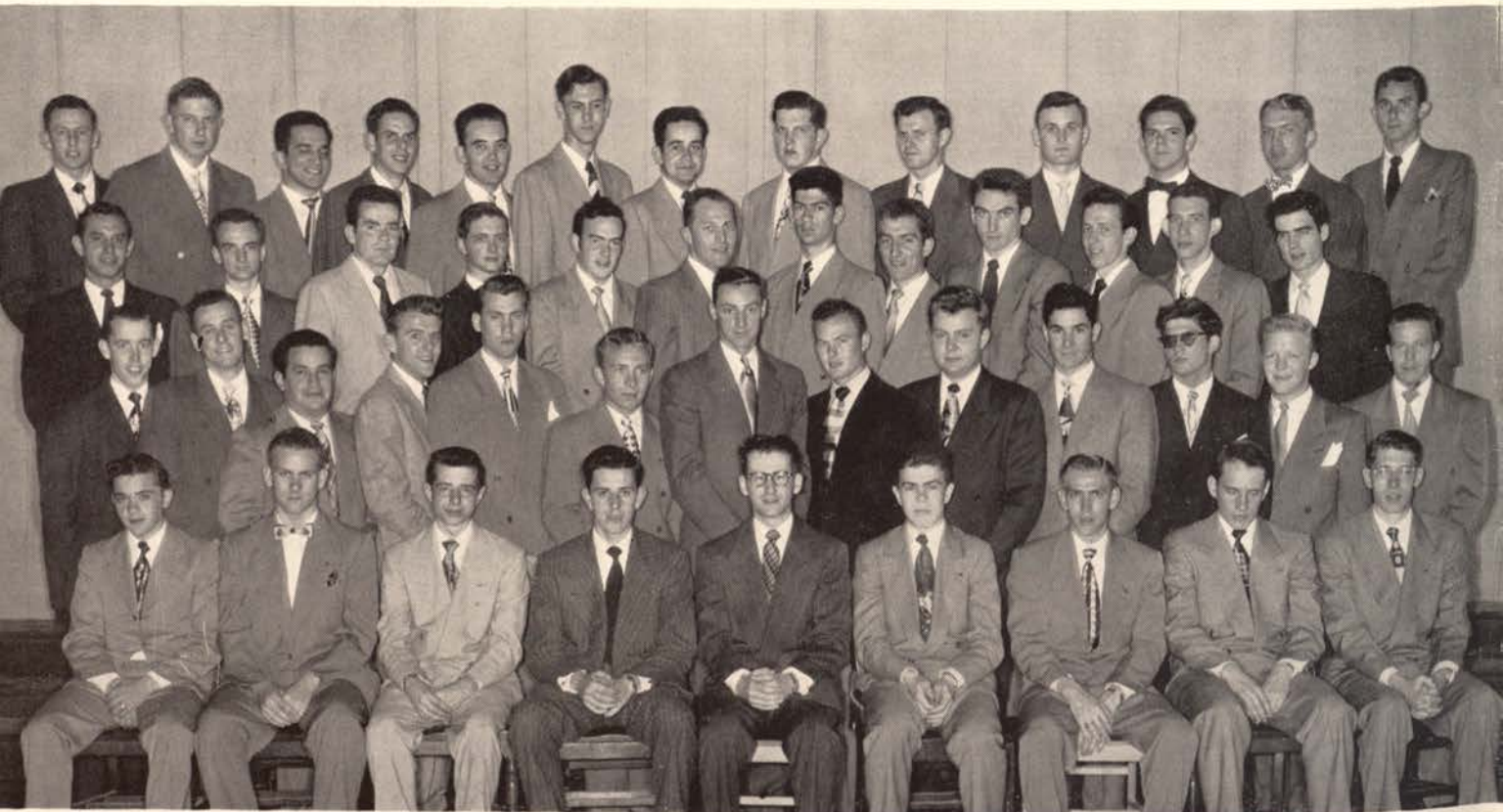
The fraternity chapter is a family, and its house is, in every sense of the word, a home. We feel that the chapter house is a place where virtue must be the example. The men who live here soon recognize that anything less than this goes to make up a losing game.

We know that in learning to become scholars we are pursuing a positive virtue, that in cultivating the habits of gentlemen we not only acquire correct social behavior for ourselves, but also set examples for others who may observe and do likewise.

These, in general, are the aims and principles of Sigma Phi Epsilon. We have learned

OFFICERS

President.....	E. Sanders
Vice-President.....	J. Lynch
Comptroller.....	W. M. Shepard
Historian	E. Kibler
Secretary.....	R. Kline
Chaplain.....	D. D. Matson
Senior Marshal.....	W. Amend
Junior Marshal.....	B. Howe
Faculty Advisor.....	Leonard C. Nelson



FIRST ROW: Linn, Mason, Custer, Scarph, Trytko, Cullen, Augustson, Bagne, Hagemeier. SECOND ROW: Marlow, Lynch, McClinton, Heeger, Argo, Bruskas, Bailey, Davis, Dye, Priest, Alexander, Sanders, Howe. THIRD ROW: Proctor, Kibler, DeGan, McLeane, Rex, Koppelman, Moore, Hampel, Huffman, Amend, DeLap, Lentz. FOURTH ROW: Andre, Ulz, Rodolakis, Kline, McCormick, Lischer, Flore, Newkirk, Justice, Scholl, Lang, Shepard, Stoddard.

Fraternity

that pride in all this virtue is in itself a reward, expanding our sense of brotherhood and being neighborly toward all.

Our aims and principles are not things which are written only to give the impression of a well organized group; they are living, tangible things by which we conduct our everyday living. They are not the lessons which a few have learned in a short time, but are the things which have come to us from fifty years of existence. Our twelve founders did not recognize all of these things. They come only from a group of men striving to live a better life while in college.

It is in the chapter house that the men of Sigma Phi Epsilon learn and practice these principles. The Sig Eps are not specialists in any one phase of college life. They are a well-rounded group of men, and a Sig Ep can be found in every extracurricular organization on the campus, both athletic and scholastic. It is here we attempt to live up to the creed of Sigma Phi Epsilon:

"I would like to be a Phi Beta Kappa, a great athlete, and a campus leader. But first of all I want to be a good fraternity man in all that is meant by Brother in Sigma Phi Epsilon."



*Hamp's double whammy.
Linn's "Homecoming" masterpiece.
I shall return.
Guys and Dolls.
12:45 P. M.*

*Dressed for dinner?
"The Syndicate."
What's in it? . . . the "thing."
New Joisey Oiving.
Tau Beta at work.*



*Goon squad.
Mmm, delicious!*

Mighty Walt?

*Miners' Boneyard.
Pull!*

Construction (?)

Club nite.

Sigma Pi Fraternity is relatively new on the campus of the Missouri School of Mines, Alpha Iota Chapter having been installed in May, 1933. The parent organization of the chapter is the Prospectors Club, which had its inception during World War I. The fraternity was founded on February 26, 1897, at Vincennes University.

The purpose of Sigma Pi Fraternity is not primarily a matter of numerical largeness, athletic prowess, scholastic attainment, or diversity of campus activities, but rather a matter of good fellowship. Because of this, the fraternity does not encourage the formation of chapters which have a large chapter membership. The fraternity knows that a small group of men will come to know each other better than a large group of men, and so large chapters are the exception rather than the rule.

Since ours is a social fraternity, it participates in many enjoyable events throughout the school

year. Parents Day, in October, found the house host to the parents of many of our members. Homecoming found a large number of our graduates returning to Rolla, renewing old friendships, and forming new ones. As usual, drop-ins were held both Friday and Saturday nights. In November, as in the past, our annual Gay Nineties Dance was held and was considered to have been quite successful.

Each December, Sigma Nu, Sigma Phi Epsilon, and Sigma Pi combine forces to stage a Christmas party for the underprivileged children of Rolla. This year sixty-two children were entertained. The children were presented with gifts, Christmas stockings, refreshments, and entertainment.

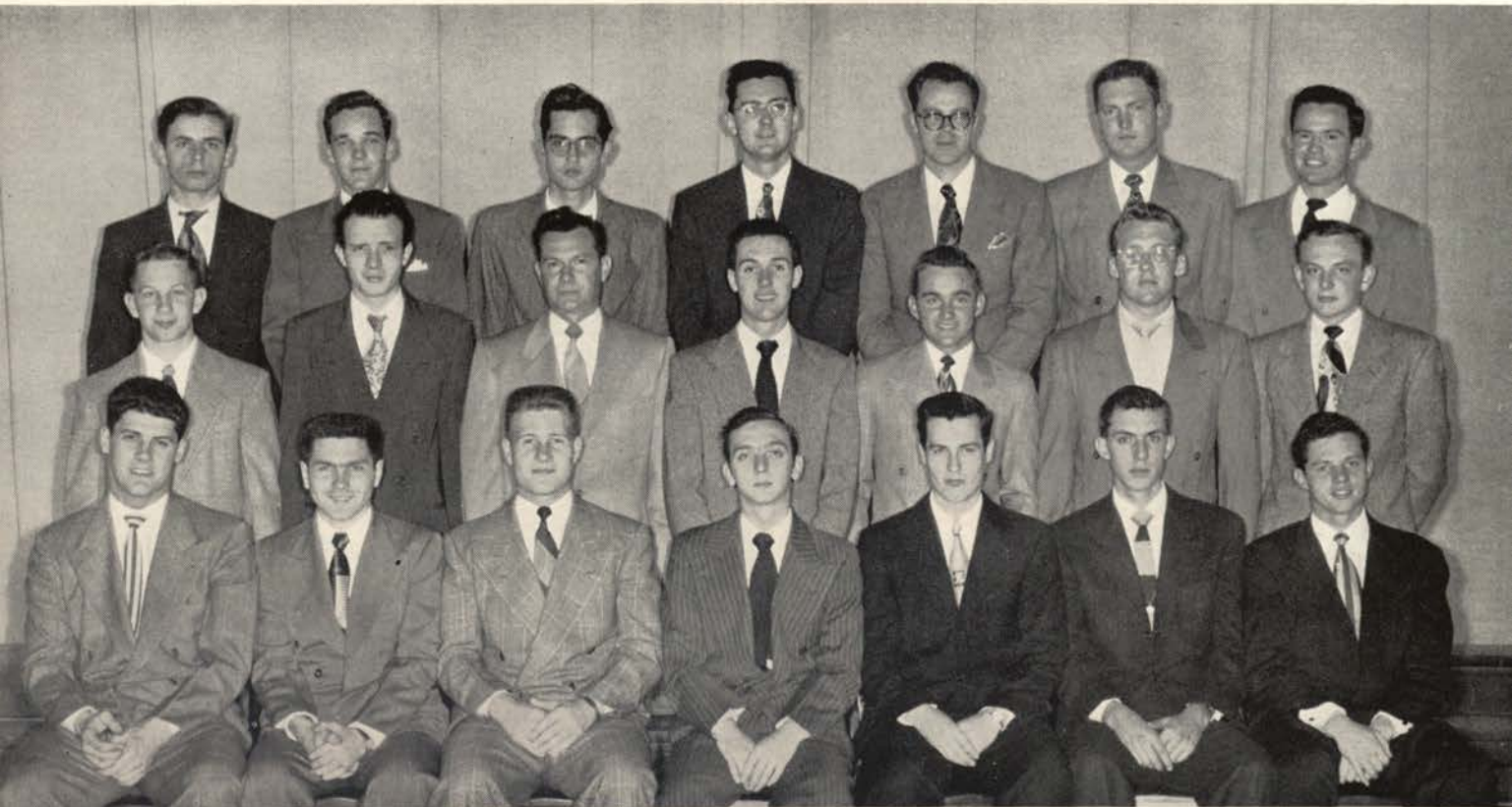
St. Pat's finds Sigma Pi ready and willing to help celebrate our only spring holiday. The house is well known for the parties which it holds. Our final social event is the annual Spring Outing and Dance.

Sigma Pi Fraternity

Many of our alumni hold positions of great responsibility. A number have their own businesses. Alumni are located in education, research, industry, field work, service, and many other occupations which are necessary to our modern way of life. To these men, we dedicate these pages.



Fall Semester	OFFICERS	Spring Semester
H. D. McDaniel.....	Sage.....	C. T. Foster
C. T. Foster.....	First Counselor.....	W. C. Russell
L. W. Choate.....	Second Counselor.....	J. M. Tolle
C. A. Hewett.....	Third Counselor.....	C. A. Hewett
J. M. Tolle.....	Fourth Counselor.....	R. W. Gotsch
W. L. Bevan.....	Herald.....	L. D. Beverage
H. A. Sheeley.....	Steward.....	W. O. Pearson



FIRST ROW: Beverage, Hewett, Gotsch, Foster, Tolle, Russell, Pearson. SECOND ROW: Williamson, Sullins, Humphrey, Borgard, Thompson, Reeg, A. Thompson. THIRD ROW: Coffe, Amundson, Slaotajs, Hopler, Jenner, Fink, McDaniel.



Tau Kappa

Winning display.

Hot seat.

Interlude.

High "C."

French Underground.

Garter check.

Pledges.

Posing.

Early Eve.

'51 Sweetheart.

Sewer trouble.

Sweethearts.

Big deal.

Tau Kappa Epsilon Fraternity was founded at Illinois Wesleyan University on January 10, 1899. In this half-century it has grown to 82 active chapters which are located from coast to coast. Beta Eta Chapter of Tau Kappa Epsilon is now in its fourth year on the Missouri School of Mines campus. Being a relatively young organization, there have been many difficulties that have been encountered and conquered on the road to stability. But in this short time, Tau Kappa Epsilon has gained a recognized position on the campus in athletic and social events.

As all fraternities, Tau Kappa Epsilon believes in extra-curricular activities for all its

members. The social season started this year with the Pledge Dance. This occasion is becoming an annual affair. The event of the season that stirs everyone in the house to activity is Homecoming. For the second successive year Tau Kappa Epsilon has won the Homecoming decoration prize. Everyone will remember the large gala-colored ferris wheel, with circus music, which covered our lawn.

The annual Red Carnation Formal was held December 2 and enjoyed by all. Music was furnished by the Carl Sandige Trio from St. Louis. The high point in the celebration was the crowning of Miss Mary Sebelon of St. Louis as the Tau Kappa Epsilon Sweetheart for the

Epsilon Fraternity

Fall	OFFICERS	Spring
R. Wilson.....	President.....	R. Pohlman
C. Harmon.....	Vice-President.....	W. Finegar
R. Dieckgrafe.....	Treasurer.....	R. Moeller
R. Pohlman.....	Secretary.....	D. Whitmar
H. Tester.....	Historian.....	F. McCulloh
R. Schoepel.....	Sergeant-at-Arms.....	T. Koederitz
M. Trieste.....	Pledgemaster.....	F. Roberts
W. B. Vose.....	Chaplain.....	J. Bartel
R. Romo.....	Steward.....	N. Niemeyer
Chapter Advisor.....		K. Asher

year 1951. We all enjoyed our annual Christmas party given for the underprivileged children of Rolla. Not to be forgotten in the social season are the times when the amber fluid was prevalent. These occasions help knit the men in the fraternity closer together.

As of yet, the men who carry the banners of Tau Kappa Epsilon into the field of battle have not obtained a good foothold. Our swimmers splashed home with second place honors and the table-tennis doubles entry also finished second. Our house may not have produced many championship teams to date but has always ranked among the top.

Our chapter bids farewell to its graduates who will be missed, for they were men who contributed much to the success of Beta Eta Chapter of Tau Kappa Epsilon.



FIRST ROW: Banghart, Becherer, Fermann, Lehmann, T. Koederitz, Roberts, Niemeyer, McLuckie, Toensend. SECOND ROW: Holder, Astroth, Durrenberger, Shields, Barsachs, Pohlman, Wilson, Romo, Moeller, Smith, Finegar. THIRD ROW: Hays, Reschetz, Hoffman, Bartel, W. Koederitz, Ellis, McCuliah, Harman, Langenbach, Riemenschnitter, DeLucca, Jenkins. FOURTH ROW: Padan, Griffin, Vose, Midgley, Emison, Groteke, Bayer, Schoepel, Antrim, Dieckgrafe, Whitmer, Heil.



Theta Kappa Phi

Theta Kappa Phi, a national fraternity for Catholic college men, was founded at Lehigh University in 1922, Mu Chapter being established at M.S.M. in 1936. Before 1936, the fraternity was known as the Order of Cardinal Mercier, which was formed in 1925 as an outcome of the Mercier Club, a non-fraternal organization for Catholic students. The residence at 707 State Street, which was occupied by this 1925 group, is the present chapter house of Mu and has been the home of Merciers and Theta Kappa Phi's continuously since that date.

Actives and pledges of Mu Chapter of Theta Kappa Phi are indeed proud of the progress they have made during the past year. First and foremost of the honors given us is the First National Efficiency Award which was so eag-



OFFICERS

President.....	D. Meiners
Vice-President.....	J. Deghuee
Secretary.....	J. Bruskotter
Treasurer.....	G. Stegemeier
Sergeant-at-Arms	T. Algermissen



FIRST ROW: Yallay, Stearman, Nowotny, Gegg, Hanss, Goeddel, Crane. SECOND ROW: Calcaterra, Bruskotter, Stegemeier, Deghuee, Meiners, Buersmeier, Bosse, Macke. THIRD ROW: Ferber, Basler, Bardon, Algermissen, Richter, Keil, Murphy, Herrgesell, Ludewig, Cowan, Modde, Cardetti. FOURTH ROW: Weber, Menke, Quinlan, Oefelein, Buescher, Theiss, Warner, Greiten, Barbier, Van Buskirk, Schafer, Maurer.

Fraternity

erly received. The "Cardinal", official publication of Mu Chapter, and the splendid work done by its editor were the basis of our second National Award, the Publication Plaque.

On the campus we have been singularly distinguished by the presentation of the Intramural Champions trophy for the first time in Mu's history. Theta Kappa Phi is well represented on both the school paper and annual. Virtually every organization on the campus contains one or more members of our fraternity.

Theta Kappa Phi again entered the social spotlight with three dances: the Fall Pledge Dance, the Pirate Party, and the Spring Formal. Homecoming, Parents Day, and the St. Pat's celebrations rounded out the year's social program.

Among the graduates of 1950, two men were given outstanding recognition for the work they did while at the Missouri School of Mines. Dick Stegemeier was awarded a scholarship to Texas A. & M. College. Ronald Becker was named National Colonization Secretary of Theta Kappa Phi fraternity.



Swing your partner.
A snake!
What play next?
A stowaway.
Rip . . .

Treasure chest.
Bolger.

"Gun" at work.
Happy birthday.
Skool!
Closer, please!
A pirate's master.



Plotting?

Get that bear!

Last-minute preparations.

Listen to Poppa Ed.

Yukon Boy.

Look at the birdie.

Now Ed.

Christmas Party.

Theta Xi Fraternity was founded at Rensselaer Polytechnic Institute, Troy, New York, on April 29, 1864. The Alpha Psi Chapter was installed on the M.S.M. campus on October 8, 1949. In just two years after its birth it has become a sturdy and compact organization. It has participated in all of the scholastic, social, and intramural activities and is ranked high in many of them.

The social functions of Theta Xi consist of a Spring and Fall Formal Dance. A Miner Dance was initiated with great success early in the fall and it is hoped that it will become an annual affair. Besides the three dances, Theta Xi has opened its house to other social affairs such as Parents Day, Homecoming, and the St. Pat's celebration, which is a happy and memorable occasion for all Miners.

This past summer, the rooms on the first floor received a new coat of paint under the ever-watchful eye of John (Smiley) Moscari. It is a beautiful job, and we are all grateful to John.

Thanks to the Mothers Club, the house is taking on a real homelike appearance due to their many contributions.

We lost Bill Boyasko, Gene Knopf, and Blair Brooks to the Marines, and Ken Wiley to the draft during the past year. We hope they will be back with us real soon and enjoy the best of luck while in the service.

With the departure of Dud Blanke and his dog, "Duke", a new pet was necessary, and our cook took care of the situation by bringing a new one into the house. "Tex" is a furry ball of small proportions right now, but given a bit of time he will assume his place in the canine social set of Rolla. The only trouble now is to keep the members of the fraternity from teasing him and stirring him on in his efforts to nip people.

Our sincerest congratulations to Clark Houghton and Jack Canady, the latest additions to the supposed happy state of matrimony, and to the departing members a very successful future.

Theta Xi Fraternity



Fall	OFFICERS	Spring
D. Gillen.....	President.....	L. Friedmann
J. Grady.....	Vice-President.....	D. Canady
D. Rober.....	Corresponding Secretary.....	C. Houghton
J. Koetting	Treasurer.....	J. Koetting
F. Guzzy.....	House Manager.....	N. Giaseffi
K. Wick.....	House Steward.....	D. Wiseman
Chapter Advisor.....		Dr. Conrad



FIRST ROW: Wiseman, Houghton, Giaseffi, Senne, Friedmann, D. Canady, Koetting, Guzzy. SECOND ROW: J. Canady, Clements, Hanley, Prager, Young, Schick, Vanderheyden, MacBrayer, Hession, Moscarl, Miles, McMasters, Anderson, Purnhagen. THIRD ROW: Jackson, Douglas, Osetek, Eick, Krueger, Waters, Ferguson, Gjelsteen, Jost, Saviola, Seip, McEvilly, Sobie.



Thorberger.

Licata & Shadow.

Magic smokes.

Prospecting.

Capitalistic punch.

River Rats.

Old Griff.

Lovers!

Homecoming.

A Civil at work.

Peeping Lon.

Barefacts.

On the Missouri School of Mines campus, Triangle Fraternity has consistently been among the leaders in fraternity affairs and achievements. Triangle possesses that spirit which is invaluable for the success of any organization. It was this asset which enabled us to remain active during the last war.

The first chapter of Triangle was founded in 1906 at the University of Illinois. Since then it has become a national social fraternity of engineers and architects and at the present time consists of seventeen chapters. Formed from the "Grubstakers", which was the oldest cam-

pus social organization (founded in 1907), Triangle first saw life at the Missouri School of Mines in 1927. In all its activities Triangle conducts its affairs conservatively and on the basic premise that the ultimate benefit to be derived from their association as men, engineers, and citizens shall shape the policies of the fraternity.

Financially, Triangle regulates its affairs so as to permit the man with limited means an opportunity to participate in the widespread benefits of brotherhood.

Socially, Triangle had a very successful fall

Triangle Fraternity

semester; the high spots were Parents Day, Homecoming, and our annual Christmas Formal. A fine showing of parents was present for "their day" and we got the opportunity of meeting the parents of our new pledges and vice versa. Having always been a big day, Homecoming was even bigger and better this year with the Miners winning their football game by one point and with Triangle capturing the intramural cross-country race (between halves) again by taking first and second places. Our most important social function of the year was the Christmas Dance, which required much preparation but turned out to be the best dance in several years and sent everyone home for the holidays in a merry mood.

In the field of academics Triangle also acted as leaders by getting very nearly the highest, if not the highest, grade-point average among the fraternities for the fall semester.

The Missouri School of Mines Chapter of Triangle is very fortunate in having two organizations that take a very active interest in the welfare of the fraternity. One is the Alumni Organization of this chapter, and the other is the Triangle's Mothers Club (founded in 1948). Both of these organizations are greatly appreciated by the active chapter.



Fall	OFFICERS	Spring
D. J. Dowling.....	President.....	D. A. Meskan
D. A. Meskan.....	Vice-President.....	W. H. Elwood
N. B. Dowling.....	Treasurer.....	H. L. Pierson
H. L. Pierson.....	Asst. Treasurer.....	H. F. Smith
W. L. Crawley.....	Recording Secretary.....	J. M. Thompson
E. M. Laytham.....	Corr. Secretary.....	J. P. Zedalis
W. W. Short.....	House Manager.....	J. Licata
J. Licata.....	Steward.....	N. B. Dowling



FIRST ROW: Hook, Smith, Thompson, Elwood, Meskan, Pierson, Zedalis, Licata. SECOND ROW: Garten, McQuie, Schmick, Huber, Stinson, Illert, G. Laytham, Zenik, Bennett, Crawley, Bagi, Beckemeyer, Ruch, Hubeli, Greaves. THIRD ROW: Paschedag, Metcalf, Lutz, Heiland, Bruch, Kuster, Sample, Short, Schmitt, Parr, Robinson, J. Laytham, Edwards, Griffith.

Military Ball



The two colonels.



Miss Baker receiving her commission.

This year the annual Military Ball differed from previous years in that it was presented by the Military Department rather than the Society of American Military Engineers.

This dance, which proved to be the outstanding social activity of the fall semester, was highlighted by the commissioning of Miss Avonell Baker as honorary cadet colonel. The Pershing Rifles, after performing an impressive saber drill, formed an arch of sabers for Miss Baker and her escort, Cadet Colonel John Stovall.

The retiring honorary cadet colonel, Miss Marilee Drake, was escorted by former Cadet Colonel Ray Mattlage.



Miss Avonell Baker

Honorary Colonel



Joe Geers, St. Pat of 1951.

St. Pat's

Amidst snow and mud, St. Patrick made his illustrious entry into Rolla for the annual celebration in his behalf. Transferring from the flat car on which he arrived to a hand-drawn, diamond-studded manure spreader, he led the parade, consisting of many fine floats, to Parker Hall for the knighting of the seniors. There he held the audience spellbound by his golden oratory and ever present guards. After this ceremony, Joe Geers, St. Pat of 1951, retired until the Costume Ball in the evening. The highlight of this ball was the coronation of Miss Alice Walthall as the Queen of Love and Beauty.

The annual Sigma Nu Tea Dance, which was held to the strains of the John Cotter Trio, was the feature of the Saturday afternoon program. That evening the celebrators donned their formal attire and danced to the music of Dick Jurgens and his orchestra. After the dance St. Patrick departed to his Emerald Isle, from which he will watch over his engineers until his return next year.



St. Pat arrives.



Miss Alice Walthall

Queen of Love and Beauty



Georgia Robinson
Triangle



Betty Jenner
Sigma Pi



Joan Burkel
Theta Kappa Phi



Jane Stroup
Sigma Nu

St. Pat's Love and



Joanne Beckett
Tau Kappa Epsilon



Joyce Glauber
Alpha Epsilon Pi



Patricia Broyles
Lambda Chi Alpha



Joy Lentz
Sigma Phi Epsilon



Vivian Robertson
Pi Kappa Alpha



Marilyn Bales
Theta Xi

Court of Beauty *1951*



Dickie Huggins
Kappa Alpha



Joan Laur
Kappa Sigma



Carolyn Jenkins
Independents



Marge Cobb
Independents

St. Pat's Winning Floats



*First Place
Float—
Lambda Chi
Alpha.*



Second Place Float—Pi Kappa Alpha.



Tau Kappa Epsilon.



Kappa Sigma.

Third Place Floats—

St. Pat's Scenes



Beard contest winners.
Sigma Nu Tea Dance.
Kissing the Blarney Stone.
Freshmen and shillelachs.

The Queen.

Dick Juergens' Orchestra.
Waltzing?
Old timers.
Triangle's Band.
Page One Hundred Ninety-Five

Queen's attendants.
Time out.

Yes, ain't it!
Harder.
Here comes John.
Kow towing.

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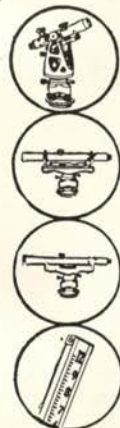
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Acknowledgement

As another year closes, and with it another edition of the Rollamo, the Rollamo Board would like to take this opportunity to sincerely thank Prof. John Steinmeyer, the administration and office help in Parker Hall, and many others here at M.S.M.

In addition, we would like to thank the professionals serving the Rollamo Board: Mr. Harry Swain and Central Engraving Company, Mr. Leo W. Painter and Model Printing Company, Mr. Paul Schenk and Bechtold Company, and Mr. Ray Grass and Esquire Studio.

We would also like to thank Mr. William Quinn for his work in making the figurines for use on the division pages.

We sincerely hope that you enjoyed this 45th edition of the Rollamo and that it brings you many pleasant memories in the years to come.

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